

PERPETUUM KALENDARIVM ASTRONOMICVM:

OR, A PERPETUAL ASTRONOMICAL KALENDAR; CONTAINING

- A compleat System of *Astronomical Calculations*, commencing or beginning with the Year of Christ 1596, and continued to Infinity; Shewing by Inspection the Years of Christ, Dominical Letter, Golden Number, the Epact, the Sun's Place in the Ecliptick, the Day of the Month, and Day of the Week (both by the Sunday Letter, and also by Number.) The exact Time of the New, Full, and Quarters of the Moon, with all the Eclipses.
- All the fixed Festivals, Moveable Feasts, Terms, and their Returns: Also all the *Sundays* in the Year (both in the *English* and foreign Accounts.) The exact Time of the Day Breaking and Ending, Sun Rising and Setting, Length of Night and Day; with the Increase and Decrease of every Day in the Year. The Rising, Southing and Setting of the Moon, her Age, Place and Sign; With several Select Rules to be observed in Physick and Husbandry.
- A correct Tide-Table for most Sea-ports in the World. A Table of all the Kings and Queens ever since there was one of *England*. A Table shewing the Hour of the Day by the Length of your Shadow measur'd by your Feet: Also how to know the Hour of the Night by a Table of the Rising, Southing and Setting of Twelve principal fixed Stars.
- A Catalogue of the Latitudes, Longitudes, and longest Days, of most Places in the World; shewing their Points of Bearing, Distance in Miles, and Difference of Time, from the City of *London*.
- A Treatise of excellent Rules to be observed in knowing the Weather, grounded upon long Observations on the Vicissitudes and Phœnomina's of natural Things: With a brief Introduction to the whole Book; which is also replenish'd with several Secrets, Observations and Rarities, both in Prose and Verse, to recreate the Reader, and humbly dedicated to the Use of the whole Kingdom (but calculated chiefly for the Lat. of 55 Degrees North.) [*The like not extant.*]

By THOMAS TODD *Philomath.* R

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A Prologue to this *Perpetual Kalendar*.



O ME, mighty Muse, my Soul to Heav'n inspire!
Touch thou my Cranium with poetick Fire;
And, that it may with Truth and Good be bless'd,
Heav'n guide my Hand, let mighty *Jove* assist.

The twinkling Beauties of the Orbs in Heav'n,
Within these Sheets I've very obvious giv'n:

A plain Phenominon you here will find
Of heav'nly Motion fitted to your Mind.

Therefore, kind Reader, if you please to look,
You'll find great Secrets in this little Book:
The Calculation here you'll find is such,
That ne'er a *Kalendar* contains so much.

An everlasting *Kalendar* is here,
For it is made for full Ten Thousand Year;
And thrice Ten Thousand more (if Time do hold.)
This Book indeed is worth its Weight in Gold.

I shall forbear (being needless for to praise)
This Work, I know, the Worth its Name will raise.
In this Projection I sev'n Years did spend,
Yet do I think the like was never pen'd:

Yet some will pick out silly Faults and huff,
Others I know will like it well enough.
Let him that Faults do's find, himself declare
Faultless to be, or else to carp forbear.

Farewel! my pretty Book, thy Work is done,
From hence throughout the World thou may run:
I hope a good Acceptance thou wilt find,
And doubt not but thou'll please a polite Mind.

Now, friendly Reader, this I've pen'd for you,
When your dispos'd 'tis present to your View.
May Heav'n protect you by almighty GOD,
I rest your humble Servant, *THOMAS TODD*.

GOD bless our sovereign Lord the King,
And Royal Race of his Offspring.

The

The Author's Preface to the Reader.

Courteous Reader,

HAVING with much Pains and Difficulty calculated and compiled this Perpetual Kalendar, and well knowing that no such Piece was or is extant in the World, it caused me to consider that a Work of this Nature must certainly be very useful to Mankind, seeing that it is done for some Thousands of Years, both past and to come, which will, I hope, be of great Use to the Vulgar as well as Learned; Therefore I have intituled it a Perpetual Kalendar, because it will always be in Use (except the Times of the New, Full, and Quarters of the Moon, with the Eclipses, which are calculated only to the Year 1756, being one Revolution of the Lunar Node, viz. Nineteen Years :) And, if my weak Endeavours meet with good Reception (if God spare my Life) by that Time I will reprint a second Edition, with the aforesaid Eclipses, &c. for Nineteen Years more. I have used all the Care possible, in the following Explanation, to render it so plain, that I doubt not but the most Ignorant may readily comprehend the same.

Astronomy is now come to a great Perfection, by Reason of several choice Discoveries lately made by the most Ingenious, and great Improvers of Sciences, viz. Sir Isaac Newton, Doctor Flamsteed, Doctor Hally, Mr. Keil and Mr. Leadbitter, &c. from which celebrated Tables I have calculated the following new System, which I hope will be found on Perusal to be as correct as possibly a Work of this Kind will admit of; yet cannot be thought free from all Errors, which by Pen or Press may escape. I have indeed endeavoured my best as to the Correctness, and humbly begs my kind and courteous Reader to pardon what he finds amiss; for a Work of this Kind is very tedious, both in calculating, and also in composing and correcting for the Press.

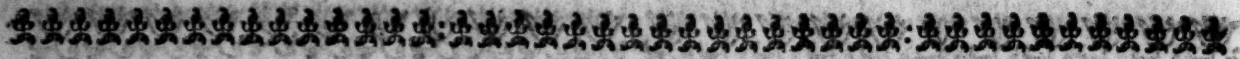
If my loving Readers be moderately satisfied with these my weak Endeavours, I shall dedicate myself to serve them for the Time to come by a second Edition of these my Labours as aforesaid, with some particular Precepts in Astronomy. However, please to accept in the mean While the following Book, for a further Encouragement for the Time to come. Arts and Sciences are very difficult to learn, much worse and troublesome to calculate such immense Tables; besides, it requires much of a Man's Life, and much Charge and Study, in order to be perfect in Sciences. However, for the former Difficulties aforesaid, I desire no more of my loving Readers than their favourable Acceptance of this my new System, and all the Benefit imaginable in its Use; which indeed is the real Desire of yours and Urania's most humble Servant.

THOMAS TODD.

From my Apartment in Aldstone-moor
Cumberland, Feb. 14. 1737-8.

A Table of all the Kings and Queens of *England*, from King *Egbert* last King of the *Saxons*, and first King of *England*, until this present Time.

Number.	Kings Names.	Began to reign Anno.	Reigned Years.	Number.	Kings Names.	Began to reign Anno.	Reigned Years.
1	Egbert - - -	818	20	29	Edward I. -	1272	35
2	Ethelwolf - -	836	21	30	Edward II. -	1307	19
3	Ethelbald - -	857	1	31	Edward III. -	1326	51
4	Ethelbert - -	858	5	32	Richard II. -	1377	22
5	Etheldred I. -	863	10		<i>Lancaster Line.</i>		
6	Alfred - - -	873	27		Henry IV. -	1399	14
7	Edward I. -	900	24	33	Henry V. -	1413	9
8	Ethelstan - -	924	16	34	Henry VI. -	1422	38
9	Edmund I. -	940	6	35	<i>York Line.</i>		
10	Eldred - - -	946	9		Edward IV. -	1460	23
11	Edwin - - -	955	4		Edward V. -	1483	
12	Edgar - - -	959	20	36	Richard III. -	1483	2
13	Edward II. -	979	3	37	<i>Families united.</i>		
14	Etheldred II. -	982	34	38	Henry VII. -	1485	24
15	Edmund II. -	1016	1		Henry VIII. -	1508	40
	<i>Danish Line.</i>				Edward VI. -	1547	6
16	Cantutus I. -	1017	20	39	Q. Mary I. -	1553	5
17	Harold I. - -	1037	3	40	Q. Elizabeth -	1558	44
18	Cantutus II. -	1040	2	41	<i>Kingdoms united.</i>		
19	Edward Conf. III. -	1042	20	42	James I. -	1602	22
20	Harold II. -	1065	2	43	Charles I. -	1625	24
	<i>Norman Line.</i>				Charles II. -	1648	29
21	William Conq. I. -	1067	20	44	James II. -	1684	4
22	William Ruff. II. -	1087	13	45	Mary II. - -	1688	6
23	Henry I. - -	1100	35	46	and		
24	Stephen - - -	1135	19	47	William III. -		13
	<i>Saxon Line restor'd.</i>			48	Q. Anne - -	1701	13
25	Henry II. - -	1154	35	49	George I. -	1714	13
26	Richard I. - -	1189	10	50	George II. -	1727	
27	John - - -	1199	17	51	<i>whom God preserve.</i>		
28	Henry III. -	1216	56	52	B Tables		



Next after follow, Tables shewing by Inspection the Years of Christ from the Year 1596 to Infinity, the Sun's Equation, Sunday Letters, Golden Number, Epact, Week-day beginning each Year, and the Sun's Place for any Time past, present and to come for ever.

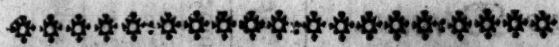
A Table shewing the Number of Direction, by Help of which is known all the Moveable Feasts, *Sundays*, and Terms, in both the *English* and foreign Accounts for ever.

Golden Number.	Sunday Letters <i>English</i> .						
	A.	B.	C.	D.	E.	F.	G.
1	19	20	21	22	16	17	18
2	5	6	7	8	9	10	11
3	26	27	28	29	30	24	25
4	19	13	14	15	16	17	18
5	5	6	7	8	2	3	4
6	26	27	21	22	23	24	25
7	12	13	14	15	16	10	11
8	33	34	35	29	30	31	32
9	19	20	21	22	23	24	18
10	12	13	7	8	9	10	11
11	26	27	28	29	30	31	32
12	19	20	21	15	16	17	18
13	5	6	7	8	9	10	4
14	26	27	28	29	23	24	25
15	12	13	14	15	16	17	18
16	5	6	7	1	2	3	4
17	26	20	21	22	23	24	25
18	12	13	14	15	9	10	11
19	33	34	28	29	30	31	32
	E.	F.	G.	A.	B.	C.	D.
Sunday Letters <i>Roman</i> .							

Explanation.

This Table is divided into eight Columns; in the first on the Left-hand is placed the *Golden Number*, in the other seven the *Numbers of Direction*; then at the Head is plac'd the seven Dominical or Sunday Letters. The Use is thus; Having Found the *Golden Number*, and the Sunday Letter for the Year, enter this Table with the *Golden Number* in the first Column, and under the Sunday Letter at the Top, in the meeting of the Lines, is the *Number of Direction* for that Year. Example, In both Accounts for the Year 1737, by looking in the Tables following against that Year, I find the Sunday Letter is B. and *Golden Number* is 9, which I look for in this Table against the *Golden Number* 9, and under B. I find 20, which is the *Number of Direction* in the *English* Account for that Year. Then for the *Roman* Number, I guide my Eye straight down from the *English* Sunday Letter, which is B. unto the Foot of the Table, and there I find the *Roman* Sunday Letter, which is F. Therefore under F. at the Top, and against the *Golden Number* 9 (which is the same always in both Accounts) I find 24, which is their *Number of Direction* for that Year. The like may be done for any Time past or to come.

Note, In Leap-year, which hath two Sunday Letters, that the last of them on the Right-hand be used in this Case, never regarding the other.



A brief INTRODUCTION to this *Perpetual Kalendar.*



N the first, I shall explain the Tables of the Years of Christ, with all the common Notes for every Year, being calculated for Five hundred and thirty one Years progressively (which is a compleat Revolution of all the Moveable Feasts.) You are to observe, that these Tables of the Years of Christ begin with the Year 1596, or, if you please to go further back, you may call it the Year of Christ's Nativity, and so count progressively in Order forward to the End of the Tables; and then begin the Tables again, and so count forward until you come to the Radix of the Table 1596: Then in the second Column you have the Sun's Equation for that Year. D. signifies Degrees, and M. Minutes; and in the Middle is S. which signifies Subtract: Therefore the Sun's Equation for the Year 1596 is 1 Degree 10 Minutes, which is to be subtracted from the second Table of the Sun's Place in the *Kalendar*; as the last Column of this Page sheweth: Then for the Year 2128, the Sun's Equation will be found to be three Degrees and sixteen Minutes, noted by the Letter A. which is to be added to the Table aforesaid. Now, for both these Years (as the Titles inform) DC are Sunday Letters (which hath always two in Leap-years;) the first towards the Left-hand is used till the 24th Day of *February*, and the other through the Year. So also the Golden Number is 1. and the Epact 11. and the Week-day Number is nothing, or a Cypher. This is a new Way to know the Day of the Week by Number, which is thus; Look what Number for the Week-day

B 2

stands

Anno Domini.				Sunday Letters	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1596	1 8 10	2128	3 A 16	DC	1 11	0	2	
1597	- -	2129	- -	B	2 22	1	3	
1598	- -	2130	- -	A	3 3	2	4	
1599	- -	2131	- -	G	4 14	3	1	
1600	1 8	2132	3 18	FE	5 25	5	2	
1601	- -	2133	- -	D	6 6	6	3	
1602	- -	2134	- -	C	7 17	0	4	
1603	- -	2135	- -	B	8 28	1	1	
1604	1 6	2136	3 20	AG	9 9	3	2	
1605	- -	2137	- -	F	10 20	4	3	
1606	- -	2138	- -	E	11 1	5	4	
1607	- -	2139	- -	D	12 12	6	1	
1608	1 4	2140	3 22	CB	13 23	1	2	
1609	- -	2141	- -	A	14 4	2	3	
1610	- -	2142	- -	G	15 15	3	4	
1611	- -	2143	- -	F	16 26	4	1	
1612	1 2	2144	3 24	ED	17 7	6	2	
1613	- -	2145	- -	C	18 18	0	3	
1614	- -	2146	- -	B	19 29	1	4	
1615	- -	2147	- -	A	1 11	2	1	
1616	1 0	2148	3 26	GF	2 22	4	2	
1617	- -	2149	- -	E	3 3	5	3	
1618	- -	2150	- -	D	4 14	6	4	
1619	- -	2151	- -	C	5 25	0	1	
1620	0 58	2152	3 28	BA	6 6	2	2	
1621	- -	2153	- -	G	7 17	3	3	
1622	- -	2154	- -	F	8 28	4	4	
1623	- -	2155	- -	E	9 9	5	1	
1624	0 56	2156	3 30	DC	10 20	0	2	
1625	- -	2157	- -	B	11 1	1	3	
1626	- -	2158	- -	A	12 12	2	4	
1627	- -	2159	- -	G	13 23	3	1	
1628	0 54	2160	3 32	FE	14 4	5	2	
1629	- -	2161	- -	D	15 15	6	3	
1630	- -	2162	- -	C	16 26	0	4	
1631	- -	2163	- -	B	17 7	1	1	
1632	0 52	2164	3 34	AG	18 18	3	2	
1633	- -	2165	- -	F	19 29	4	3	
1634	- -	2166	- -	E	1 11	5	4	
1635	- -	2167	- -	D	2 22	6	1	
1636	0 50	2168	3 36	CB	3 3	1	2	
1637	- -	2169	- -	A	4 14	2	3	
1638	- -	2170	- -	G	5 25	3	4	
1639	- -	2171	- -	F	6 6	4	1	

stands against the Year you desire, and also that Number which stands against the Day of the Month in the *Kalendar*, and add these two Numbers together, if under Seven, that is the Number of the Week-day; but, if above Seven, take Seven from it, and what remains is the Number, reckoning *Sunday* one, *Monday* two, *Tuesday* three, &c.

How to know by the Number of Direction all the Moveable Feasts and Terms, with all the Sundays in the Year, both in the English and foreign Accounts.

In Page 20. I have calculated a Table which shews the Number of Direction in both Accounts to the Year 1800; therefore enter the Table of the Moveable Feasts, with the Number of Direction, in the first and second Columns on the Left-hand (being the Number in both Accounts) and straight forward, is the Month, and Days of the Month of every Festival and *Sunday* in the Year, likewise of the Terms. Example, I would know the Festivals for the Year 1737: I find the *English* Number of Direction to be 20, and the *Roman* Number 24; now I enter the Table of the Festivals in the first Column (*English* Number) and guiding my Eye straight forward in the Line to the third Column, I find *January* 2d is the second *Sunday* after *Christmas*, and the *Thursday* next, which is *January* 6th, is the *Epiphany* (or twelfth Day) and *January* 9th is the first *Sunday* after the *Epiphany* (as the Titles inform at Top) and so proceed through the Year: And if you desire to know the *Roman* Festivals, enter the second Column with the *Roman* Number for that Year, as you did with the *English*, and so proceed as before. The same Method is to be used in the Terms and their Returns: But note, That

<i>Anno Domini.</i>				Sunday Letters.	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1640	0 54	2172	3 A 38	ED	7	17	6	2
1641	—	2173	—	C	8	28	0	3
1642	—	2174	—	B	9	9	1	4
1643	—	2175	—	A	10	20	2	1
1644	0 46	2176	3 40	GF	11	1	4	2
1645	—	2177	—	E	12	12	5	3
1646	—	2178	—	D	13	23	6	4
1647	—	2179	—	C	14	4	0	1
1648	0 44	2180	3 42	BA	15	15	2	2
1649	—	2181	—	G	16	26	3	3
1650	—	2182	—	F	17	7	4	4
1651	—	2183	—	E	18	18	5	1
1652	0 42	2184	3 44	DC	19	29	0	2
1653	—	2185	—	B	1	11	1	3
1654	—	2186	—	A	2	22	2	4
1655	—	2187	—	G	3	3	3	1
1656	0 40	2188	3 46	FE	4	14	5	2
1657	—	2189	—	D	5	25	6	3
1658	—	2190	—	C	6	6	0	4
1659	—	2191	—	B	7	17	1	1
1660	0 38	2192	3 48	AG	8	28	3	2
1661	—	2193	—	F	9	9	4	3
1662	—	2194	—	E	10	20	5	4
1663	—	2195	—	D	11	1	6	1
1664	0 36	2196	3 50	CB	12	12	1	2
1665	—	2197	—	A	13	23	2	3
1666	—	2198	—	G	14	4	3	4
1667	—	2199	—	F	15	15	4	1
1668	0 34	2200	3 52	ED	16	26	6	2
1669	—	2201	—	C	17	7	0	3
1670	—	2202	—	B	18	18	1	4
1671	—	2203	—	A	19	29	2	1
1672	0 32	2204	3 54	GF	1	11	4	2
1673	—	2205	—	E	2	22	5	3
1674	—	2206	—	D	3	3	6	4
1675	—	2207	—	C	4	14	0	1
1676	0 30	2208	3 56	BA	5	25	2	2
1677	—	2209	—	G	6	6	3	3
1678	—	2210	—	F	7	17	4	4
1679	—	2211	—	E	8	28	5	1
1680	0 28	2212	3 58	DC	9	9	0	2
1681	—	2213	—	B	10	20	1	3
1682	—	2214	—	A	11	1	2	4
1683	—	2215	—	G	12	12	3	1
1684	0 26	2216	4 0	FE	13	23	5	2


That the Number of Direction doth not commence before the 22d Day of *March*; and, if your Year be a Leap-year, you must take it one Day more in the Festivals and *Sundays*, until the 24th Day of *February*, and then run thro' with the Number of Direction, as before taught.

How to know the Day of the Month, and Day of the Week, fixed Festivals, the Times of New, Full, and Quarters of the Moon, with the Eclipses; The Sun's Place in the Ecliptick, the Roman Month-days, Week-days, and Festivals, Day Breaking and Ending, Sun Rising and Setting, Length of Day and Night; with the Increase and Decrease of the Days, &c.

In the Left-hand Page of the *Kalendar* is the *English* Account, so, first for the Day of the Week, I look in the Tables of the Years of Christ for the Sunday Letter; As for Example, This Year 1732, which is BA. being Leap Year, the Letter B. being used from *January* 1st to *February* 24th, and then the Letter A. must be used through the Year: So, where you find the Letter B plac'd till *February* 24th, these Days are *Sundays*; and after, where the Letter A. is plac'd, is also *Sundays*: The other Week-days are easily obtained. The Saints Days are explained by the bare Title. Then for the Times of the New, Full, and Quarters of the Moon, which for Example, in the Month of *January* 1732, I look first for the Epact for that Year, which is Fourteen, and under the Titles at Top I seek for my Epact, which for the first Quarter I find it stands against the Twenty third Day and 7 M. that

Anno Domini				Sunday Letters	Gold. Number	The Epact	Week-Day	Sun's Period
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1685	0 26	2217	4 A 0	D	14	4	6	3
1686	—	2218	—	C	15	15	0	4
1687	—	2219	—	B	16	26	1	1
1688	0 24	2220	4 2	AG	17	7	3	2
1689	—	2221	—	F	18	18	4	3
1690	—	2222	—	E	19	29	5	4
1691	—	2223	—	D	1	11	6	1
1692	0 22	2224	4 4	CB	2	22	1	2
1693	—	2225	—	A	3	3	2	3
1694	—	2226	—	G	4	14	3	4
1695	—	2227	—	F	5	25	4	1
1696	0 20	2228	4 6	ED	6	6	6	2
1697	—	2229	—	C	7	17	0	3
1698	—	2230	—	B	8	28	1	4
1699	—	2231	—	A	9	9	2	1
1700	0 18	2232	4 8	GF	10	20	4	2
1701	—	2233	—	E	1	1	5	3
1702	—	2234	—	D	12	12	6	4
1703	—	2235	—	C	13	23	0	1
1704	0 16	2236	4 10	BA	14	4	2	2
1705	—	2237	—	G	15	15	3	3
1706	—	2238	—	F	16	26	4	4
1707	—	2239	—	E	17	7	5	1
1708	0 14	2240	4 12	DG	18	18	0	2
1709	—	2241	—	B	19	29	1	3
1710	—	2242	—	A	1	1	2	4
1711	—	2243	—	G	2	22	3	1
1712	0 12	2244	4 14	FE	3	3	5	2
1713	—	2245	—	D	4	14	6	3
1714	—	2246	—	C	5	25	0	4
1715	—	2247	—	B	6	6	1	1
1716	0 10	2248	4 16	AG	7	17	3	2
1717	—	2249	—	F	8	28	4	3
1718	—	2250	—	E	9	9	5	4
1719	—	2251	—	D	10	20	6	1
1720	0 8	2252	4 18	CB	11	1	1	2
1721	—	2253	—	A	12	12	2	3
1722	—	2254	—	G	13	23	3	4
1723	—	2255	—	F	14	4	4	1
1724	0 6	2256	4 20	ED	15	15	6	2
1725	—	2257	—	C	16	26	0	3
1726	—	2258	—	B	17	7	1	4
1727	—	2259	—	A	18	18	2	1
1728	0 4	2260	4 22	GF	19	29	4	2

that is, at Seven in the Morning, as the Letter M. signifies; Then for the last Quarter, I find Fourteen stands against the eighth Day and 1 A. that is, at One in the Afternoon; Then for New Moon, I find Fourteen stands against the sixteenth Day at Ten o'Clock in the Morning; Then for Full Moon, I find Fourteen stands against the thirtieth Day at Ten o'Clock in the Morning; and so you may proceed with the Epact through the Year: And, by having the Epact for the Year you desire, proceed likewise.

These Tables are calculated to the End of the Year 1756, and after, the Hours will not answer to Truth. Then for the Eclipses, they are thus to be understood; Having gain'd the Epact for the Year you desire, see if the Title, *Sun eclipsed*, stands against the Epact for the New Moon; if so, there will be an Eclipse of the Sun at that New Moon, with the Type inserted if visible; but if invisible, there is no Type but the Title *Invisible*. So, in like Manner, if you find the Title of *Moon eclipsed* against the Epact, under the Title *Full Moon*, there will be an Eclipse of the Moon at that Time, according as the Type represents: Where you find this Type , the Eclipse will be total. (Note, The Sun cannot be eclipsed but at the Time of New Moon, nor the Moon but at the Time of Full Moon.) Next, I shall shew you how to know the Sun's Place in the Ecliptick; as for Example, What Sign, Degree and Minute will the Sun be in at Noon on *March 20th* in the Year 1738? I look in the *Kalendar* for *March 20th* on the Left-hand Page, and under the Title at Top, *The Sun's daily Motion for his Period*, Number 1. 2. 3. 4. which answers to any Year; looking for my Year desired, I find it in the fourth Table, and under is noted the Sun in *Pisces*, with D. for Degree, and M. for Minute: So, guiding my Eye straight down the fourth Table, until I come

Anno Domini.				Sunday Letters.	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1729	0 22	2261	4 A 22	E	1	11	5	3
1730	—	2262	—	D	2	22	6	4
1731	—	2263	—	C	3	3	0	1
1732	0 2	2264	4 24	BA	4	14	2	2
1733	—	2265	—	G	5	25	3	3
1734	—	2266	—	F	6	6	4	4
1735	—	2267	—	E	7	17	5	1
1736	Add	2268	4 26	DC	8	28	0	2
1737	—	2269	—	B	9	9	1	3
1738	—	2270	—	A	10	20	2	4
1739	—	2271	—	G	11	1	3	1
1740	0 2	2272	4 28	FE	12	12	5	2
1741	—	2273	—	D	13	23	6	3
1742	—	2274	—	C	14	4	0	4
1743	—	2275	—	B	15	15	1	1
1744	0 4	2276	4 30	AG	16	26	3	2
1745	—	2277	—	F	17	7	4	3
1746	—	2278	—	E	18	18	5	4
1747	—	2279	—	D	19	29	6	1
1748	0 6	2280	4 32	CB	1	11	1	2
1749	—	2281	—	A	2	22	2	3
1750	—	2282	—	G	3	3	3	4
1751	—	2283	—	F	4	14	4	1
1752	0 8	2284	4 34	ED	5	25	6	2
1753	—	2285	—	C	6	6	0	3
1754	—	2286	—	B	7	17	1	4
1755	—	2287	—	A	8	28	2	1
1756	0 10	2288	4 36	GF	9	9	4	2
1757	—	2289	—	E	10	20	5	3
1758	—	2290	—	D	11	1	6	4
1759	—	2291	—	C	12	12	0	1
1760	0 12	2292	4 38	BA	13	23	2	2
1761	—	2293	—	G	14	4	3	3
1762	—	2294	—	F	15	15	4	4
1763	—	2295	—	E	16	26	5	1
1764	0 14	2296	4 40	DC	17	7	0	2
1765	—	2297	—	B	18	18	1	3
1766	—	2298	—	A	19	29	2	4
1767	—	2299	—	G	1	11	3	1
1768	0 16	2300	4 42	FE	2	22	5	2
1769	—	2301	—	D	3	3	6	3
1770	—	2302	—	C	4	14	0	4
1771	—	2303	—	B	5	25	1	1
1772	0 18	2304	4 44	AG	6	6	3	2

come against the 20th Day of the Month, I find 10, 32, which informs me that the Sun is in the tenth Degree, and Thirty two Minutes of the Sign *Aries*, as above. Again, you may with much Speed and Ease obtain the Sun's Place for any Year past or to come; if you add or subtract the Sun's Equation against the Year desired, to or from the Place of the Sun given in the Sun's Period, his true Place at all Times may be had. Example the second, I desire the Sun's Place at Noon on the 6th Day of *June* in the Year 1740? Right against that Year I find under the Sun's Equation that I must add two Minutes to the Sun's Period 2 in the *Kalendar*. I look in *June* against the 6th Day, and under the second Table, and against that Day in the Year 1736, the Sun was in the Twenty sixth Degree and Twenty three Minutes; and so, by adding my two Minutes to it, will make Twenty six Degrees Twenty five Minutes, the Sun's true Place on that Day at Noon in the Year 1740 in the Sign *Gemini*: And so proceed in the same Manner for ever. The Right-hand Page of the *Kalendar* is thus to be understood; Against the *English* Month and Week-day you have the *Roman* Account, which is eleven Days before ours, until the Year 1800, and then it will be twelve Days, and so forward: And their Sunday Letter is known by having ours given; for when ours is A. theirs will be E. until the Year 1800; and then our Letter A. gives theirs F. and our 1st Day of the Month will be their 12th, and so forward. Their Saints Days of Worship are inserted in the fifth Column, and are by them kept twelve Days before us, according to the Difference of the Day of the Month.

Now, to find the Time of the Day Breaking, Sun Rising, &c. do thus; Having obtain'd the Sun's Place for the Day desired, as was before taught, enter the Table with the Sign and Degree that the Sun is in, and guiding your Eye forward, you have the Hour and Minute

C. 2

of

Anno Domini.				Sunday Letters	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1773	0 A 18	2305	4 A 44	F	7	17	4	3
1774	—	2306	—	E	8	28	5	4
1775	—	2307	—	D	9	9	6	1
1776	0 20	2308	4 46	CB	10	20	1	2
1777	—	2309	—	A	11	1	2	3
1778	—	2310	—	G	12	12	3	4
1779	—	2311	—	F	13	23	4	1
1780	0 22	2312	4 48	ED	14	4	6	2
1781	—	2313	—	C	15	15	0	3
1782	—	2314	—	B	16	26	1	4
1783	—	2315	—	A	17	7	2	1
1784	0 24	2316	4 50	GF	18	18	4	2
1785	—	2317	—	E	19	29	5	3
1786	—	2318	—	D	1	11	6	4
1787	—	2319	—	C	2	22	0	1
1788	0 26	2320	4 52	BA	3	3	2	2
1789	—	2321	—	G	4	14	3	3
1790	—	2322	—	F	5	25	4	4
1791	—	2323	—	E	6	6	5	1
1792	0 28	2324	4 54	DC	7	17	0	2
1793	—	2325	—	B	8	28	1	3
1794	—	2326	—	A	9	9	2	4
1795	—	2327	—	G	10	20	3	1
1796	0 30	2328	4 56	FE	11	1	5	2
1797	—	2329	—	D	12	12	6	3
1798	—	2330	—	C	13	23	0	4
1799	—	2331	—	B	14	4	1	1
1800	0 32	2332	4 58	AG	15	15	3	2
1801	—	2333	—	F	16	26	4	3
1802	—	2334	—	E	17	7	5	4
1803	—	2335	—	D	18	18	6	1
1804	0 34	2336	5 0	CB	19	29	1	2
1805	—	2337	—	A	1	11	2	3
1806	—	2338	—	G	2	22	3	4
1807	—	2339	—	F	3	3	4	1
1808	0 36	2340	5 2	ED	4	14	6	2
1809	—	2341	—	C	5	25	0	3
1810	—	2342	—	B	6	6	1	4
1811	—	2343	—	A	7	17	2	1
1812	0 38	2344	5 4	GF	8	28	4	2
1813	—	2345	—	E	9	9	5	3
1814	—	2346	—	D	10	20	6	4
1815	—	2347	—	C	11	1	0	1
1816	0 40	2348	5 6	BA	12	12	2	2
1817	—	2349	—	G	13	23	3	3

of each accordingly. Example, I desire the Times of Day Breaking, Sun Rising, &c. on *June* the 6th, as before in the Year 1740, the Sun's Place as before taught was in *Gimini* Twenty six Degrees and Twenty five Minutes? Enter the Right-hand Page in the *Kalendar* in *May*, under the Sun's Place in *Gimini*, and guiding your Eye down the Column unto the Twenty sixth Degree, you find there is no real Night, but Twilight; and the Sun rises at Forty eight Minutes past Three, and sets at eleven Minutes past Eight; Length of Night seven Hours and Thirty eight Minutes, and Length of Day is sixteen Hours and Twenty two Minutes; and that the Days are increased eight Hours and Forty seven Minutes. This is the Rule you must always observe for this Purpose.

How to know what Sign the Moon is in for ever; as also what Parts of the Body the Moon rules in every Sign; with Select Rules for Bleeding, Purging, &c.

The Left-hand Page of this Table is the Months and Days of the Months, and the Right-hand Page is the Epact and Moon's Sign. The Use is thus; First know the Epact for the Year desired, then seek for the Month, and Day of the Month in the Left-hand Page; when that is found, guide your Eye straight thro' the Table into the Right hand Page, and straight under the Epact for the Year desired is the Moon's Sign. Example, I desire to know what Sign the Moon will be in on *March* 21st in the Year 1740? By looking in the Tables of the Years, I find the Epact for that Year will be Twelve; then I look for the Month of *March*, where I find that *February*, *March* and *November* are equally the same in this Case: So, guiding my Eye down to the Twenty first

Anno Domini.									
Years of Christ	Sun's Equa. D. M.	Years of Christ	Sun's Equa. D. M.	Sunday Letters	Gold. Number.	The Epact.	Week-Day.	Sun's Period.	
1818	0 A 40	2350	5 A 6	F	14	4	4	4	4
1819	—	2351	—	E	15	15	5	1	1
1820	0 42	2352	5 8	DC	16	26	0	2	2
1821	—	2353	—	B	17	7	1	3	3
1822	—	2354	—	A	18	18	2	4	4
1823	—	2355	—	G	19	29	3	1	1
1824	0 44	2356	5 10	FE	1	11	5	2	2
1825	—	2357	—	D	2	22	6	3	3
1826	—	2358	—	C	3	3	0	4	4
1827	—	2359	—	B	4	14	1	1	1
1828	0 46	2360	5 12	AG	5	25	3	2	2
1829	—	2361	—	F	6	6	4	3	3
1830	—	2362	—	E	7	17	5	4	4
1831	—	2363	—	D	8	28	6	1	1
1832	0 48	2364	5 14	CB	9	9	1	2	2
1833	—	2365	—	A	10	20	2	3	3
1834	—	2366	—	G	11	1	3	4	4
1835	—	2367	—	F	12	12	4	1	1
1836	0 50	2368	5 16	ED	13	23	6	2	2
1837	—	2369	—	C	14	4	0	3	3
1838	—	2370	—	B	15	15	1	4	4
1839	—	2371	—	A	16	26	2	1	1
1840	0 52	2372	5 18	GF	17	7	4	2	2
1841	—	2373	—	E	18	18	5	3	3
1842	—	2374	—	D	19	29	6	4	4
1843	—	2375	—	C	1	11	0	1	1
1844	0 54	2376	5 20	BA	2	22	2	2	2
1845	—	2377	—	G	3	3	3	3	3
1846	—	2378	—	F	4	14	4	4	4
1847	—	2379	—	E	5	25	5	1	1
1848	0 56	2380	5 22	DC	6	6	0	2	2
1849	—	2381	—	B	7	17	1	3	3
1850	—	2382	—	A	8	28	2	4	4
1851	—	2383	—	G	9	9	3	1	1
1852	0 58	2384	5 24	FE	10	20	5	2	2
1853	—	2385	—	D	11	1	6	3	3
1854	—	2386	—	C	12	12	0	4	4
1855	—	2387	—	B	13	23	1	1	1
1856	1 0	2388	5 26	AG	14	4	3	2	2
1857	—	2389	—	F	15	15	4	3	3
1858	—	2390	—	E	16	26	5	4	4
1859	—	2391	—	D	17	7	6	1	1
1860	1 2	2392	5 28	CB	18	18	1	2	2
1861	—	2393	—	A	19	29	2	3	3
1862	—	2394	—	G	1	11	3	4	4

first Day, I slide my Finger over the Table into the Right-hand Page, and under the Epact 12 at Top, in the Angle of Meeting, I find *Tau*. that is, the Moon will be then in *Taurus*: In like Manner do at any other Time. Then I enter the Table shewing what Parts of the Body are then ruled by the Moon, with the Sign *Taurus* in the first Column, and in the second I find the Throat and Legs, Humours then predominant, are thick, melancholy, and saltish Flegm; then in the fourth Column I find it is good to bleed the Sanguine, Vomit, stop Rheums or Fluxes. The like Method still observe.

How to know the Moon's Age, and Day of New and Full Moon; with the Time of the Moon's Rising, Southing and Setting; as also the Time of High-water in most Sea-ports in the World.

The Table of the Moon's Age is to be understood after the same Manner as the Table of the Moon's Sign; for having obtain'd the Epact for the Year, seek the Month and Day of the Month, and guiding your Eye straight over on the other Page under the Epact, in the Angle of Meeting, is your Desire.

I shall instance one Example to illustrate the whole; Suppose I desire the Moon's Age on the 10th Day of *June* in the Year 1740, the Epact for that Year will be found to be 12; then under the Month *June*, I look for the Day of the Month being 10, and guiding my Eye straight over the Table on the Right-hand Page, under the Epact 12, in the Meeting of the Lines I find 26, and at Top Moon's Age for that Day. Against what Days of the Months you find this Mark ●, it is on that Day New Moon; and where you find this Mark ○, it is

Anno Domini.									
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.	Sunday Letters	Gold. Number.	The Epact.	Week-Day.	Sun's Period.	
1863	1 A 2	2395	5 A 28	F	2	22	4	1	
1864	1 4	2396	5 30	ED	3	3	6	2	
1865	- -	2397	- -	C	4	14	0	3	
1866	- -	2398	- -	B	5	25	1	4	
1867	- -	2399	- -	A	6	6	2	1	
1868	1 6	2400	5 32	GF	7	17	4	2	
1869	- -	2401	- -	E	8	28	5	3	
1870	- -	2402	- -	D	9	9	6	4	
1871	- -	2403	- -	C	10	20	0	1	
1872	1 8	2404	5 34	BA	11	1	2	2	
1873	- -	2405	- -	G	12	12	3	3	
1874	- -	2406	- -	F	13	23	4	4	
1875	- -	2407	- -	E	14	4	5	1	
1876	1 10	2408	5 36	DC	15	15	0	2	
1877	- -	2409	- -	B	16	26	1	3	
1878	- -	2410	- -	A	17	7	2	4	
1879	- -	2411	- -	G	18	18	3	1	
1880	1 12	2412	5 38	FE	19	29	5	2	
1881	- -	2413	- -	D	1	11	6	3	
1882	- -	2414	- -	C	2	22	0	4	
1883	- -	2415	- -	B	3	3	1	1	
1884	1 14	2416	5 40	AG	4	14	3	2	
1885	- -	2417	- -	F	5	25	4	3	
1886	- -	2418	- -	E	6	6	5	4	
1887	- -	2419	- -	D	7	17	6	1	
1888	1 16	2420	5 42	GB	8	28	1	2	
1889	- -	2421	- -	A	9	9	2	3	
1890	- -	2422	- -	G	10	20	3	4	
1891	- -	2423	- -	F	11	1	4	1	
1892	1 18	2424	5 44	ED	12	12	6	2	
1893	- -	2425	- -	C	13	23	0	3	
1894	- -	2426	- -	B	14	4	1	4	
1895	- -	2427	- -	A	15	15	2	1	
1896	1 20	2428	5 46	GF	16	26	4	2	
1897	- -	2429	- -	E	17	7	5	3	
1898	- -	2430	- -	D	18	18	6	4	
1899	- -	2431	- -	C	19	29	0	1	
1900	1 22	2432	5 48	BA	1	11	2	2	
1901	- -	2433	- -	G	2	22	3	3	
1902	- -	2434	- -	F	3	3	4	4	
1903	- -	2435	- -	E	4	14	5	1	
1904	1 24	2436	5 50	DC	5	25	0	2	
1905	- -	2437	- -	B	6	6	1	3	
1906	- -	2438	- -	A	7	17	2	4	

on that Day Full Moon. This Table is calculated according to the Moon's mean Motion, which may sometimes differ from the true Time fourteen Hours. You may thus count the Moon's true Age; Seek the Epact for the Year you desire, under the Title *New Moon* in any Month you desire in the *Kalender*, and count the Number of Days intercepted between the Day of the New Moon, and the Day of the Month you desire, and the Number of Days is the Moon's true Age: Then having the Moon's Age, enter the Table of the Moon's Rising, &c. with the Day of her Age in the first Column, and under the Month, in the Angle of Meeting, is the Time of the Moon's Rising, &c. Example, The Moon being Twenty six Days old, in the Month *June*, as in the last Example, I enter the Table with the Moon's Age 26, and under the Month *June*, in the Angle of Meeting, is 1, M. 9, that is, the Moon rises (as the Title above) at nine Minutes past One in the Morning, and is South in the second Column at Forty eight Minutes past Eight in the Morning.

Note, The Moon is South from Change to Full in the Afternoon, and from Full to Change in the Morning; and the Setting of the Moon is used from Change to Full, and Rising from Full to Change. The Letter A. signifies Afternoon, and M. Morning, in Rising and Setting. Then in the Tide-table, the Moon being Twenty six Days old as before, I desire to know the Time of High-water at *London, Tinmouth, Hartlypool, Amsterdam, &c.* and underneath, as the Title imports, High-water Morning and Afternoon? I guide my Eye down these two Columns, until I come straight against the Moon's Age Twenty six, and in the Morning I find it is High-water at Forty two Minutes past Ten, and in the Afternoon at six Minutes past Eleven o'Clock. In the same Manner proceed for any other Place.

How

<i>Anno Domini.</i>							
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.	Sunday Letters.	Gold-Number.	The Epact.	Week-Day.
1907	1 A 24	2439	5 A 50	G	8	28	3
1908	1 26	2440	5 52	FE	9	9	5
1909	—	2441	—	D	10	20	6
1910	—	2442	—	C	11	1	0
1911	—	2443	—	B	12	12	1
1912	1 28	2444	5 54	AG	13	23	3
1913	—	2445	—	F	14	4	4
1914	—	2446	—	E	15	15	5
1915	—	2447	—	D	16	26	6
1916	1 30	2448	5 56	CB	17	7	1
1917	—	2449	—	A	18	18	2
1918	—	2450	—	G	19	29	3
1919	—	2451	—	F	1	11	4
1920	1 32	2452	5 58	ED	2	22	6
1921	—	2453	—	C	3	3	0
1922	—	2454	—	B	4	14	1
1923	—	2455	—	A	5	25	2
1924	1 34	2456	6 0	GF	6	6	4
1925	—	2457	—	E	7	17	5
1926	—	2458	—	D	8	28	6
1927	—	2459	—	C	9	9	0
1928	1 36	2460	6 2	BA	10	20	2
1929	—	2461	—	G	11	1	3
1930	—	2462	—	F	12	12	4
1931	—	2463	—	E	13	23	5
1932	1 38	2464	6 4	DC	14	4	0
1933	—	2465	—	B	15	15	1
1934	—	2466	—	A	16	26	2
1935	—	2467	—	G	17	7	3
1936	1 40	2468	6 6	FE	18	18	5
1937	—	2469	—	D	19	29	6
1938	—	2470	—	C	1	11	0
1939	—	2471	—	B	2	22	1
1940	1 42	2472	6 8	AG	3	3	3
1941	—	2473	—	F	4	14	4
1942	—	2474	—	E	5	25	5
1943	—	2475	—	D	6	6	6
1944	1 44	2476	6 10	CB	7	17	1
1945	—	2477	—	A	8	28	2
1946	—	2478	—	G	9	9	3
1947	—	2479	—	F	10	20	4
1948	1 46	2480	6 12	ED	11	1	6
1949	—	2481	—	C	12	12	0
1950	—	2482	—	B	13	23	1

How to know the true Time of the Rising, Southing and Setting of Twelve principal fixed Stars in the Table, &c.

In the first Column on the Left-hand is the Months, and Days of the Months, to every Tenth Day; and at the Top is the Names of the Stars, &c. The Use is thus; Let it be required to know what Time the Star called the *Bull's Eye* Rises, Souths and Sets on *January 11th*? I look in the first Column for *January 11th*, and then guiding my Eye straight along to the above-named Star, I find *o A 33*, and above *Rise*; that is, it will Rise at Thirty three Minutes past Twelve o'Clock in the Afternoon, and is South at Forty Minutes past Eight in the Afternoon, and Sets 3, M. 33, that is, at Thirty three Minutes past Three o'Clock in the Morning. The same Example may be sufficient to shew all the others, for any Month and Day you please, being of great Use to know the Hour of the Night.

How to know the Hour of the Day by the Length of your Shadow measur'd by your Feet.

The first and fourth Columns on the Left-hand are the Months, the second and third Columns are the Days of the Months. The Altitude of the Sun, at any Hour of the Day, will be found thus; *March 5th* and *September 17th* are equal; so *February 3d* and *October 18th* are equal; again, *April 9th* and *August 13th* are also equal; and so of all the rest. The Use by Example follows; I desire to know the Hour of the Day on the 20th Day of *March*, or the 2d Day of *September* (which is all one in this Case) the Length of my Shadow being Nine of my Feet Lengths? So I enter the Table with *March 20th*, and

D 2

guide

Anno Domini.							
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.	Sunday Letters	Gold. Number.	The Epact.	Week-Day.
1951	1 A 46	2483	6 A 12	A	14	4	2
1952	1 48	2484	6 14	GF	15	15	4
1953	—	2485	—	E	16	26	5
1954	—	2486	—	D	17	7	6
1955	—	2487	—	C	18	18	0
1956	1 50	2488	6 16	BA	19	29	2
1957	—	2489	—	G	1	11	3
1958	—	2490	—	F	2	22	4
1959	—	2491	—	E	3	3	5
1960	1 52	2492	6 18	DC	4	14	0
1961	—	2493	—	B	5	25	1
1962	—	2494	—	A	6	6	2
1963	—	2495	—	G	7	17	3
1964	1 54	2496	6 20	FE	8	28	5
1965	—	2497	—	D	9	9	6
1966	—	2498	—	C	10	20	0
1967	—	2499	—	B	11	1	1
1968	1 56	2500	6 22	AG	12	12	3
1969	—	2501	—	F	13	23	4
1970	—	2502	—	E	14	4	5
1971	—	2503	—	D	15	15	6
1972	1 58	2504	6 24	CB	16	26	1
1973	—	2505	—	A	17	7	2
1974	—	2506	—	G	18	18	3
1975	—	2507	—	F	19	29	4
1976	2 0	2508	6 26	ED	1	11	6
1977	—	2509	—	C	2	22	0
1978	—	2510	—	B	3	3	1
1979	—	2511	—	A	4	14	2
1980	2 2	2512	6 28	GF	5	25	4
1981	—	2513	—	E	6	6	5
1982	—	2514	—	D	7	17	6
1983	—	2515	—	C	8	28	0
1984	2 4	2516	6 30	BA	9	9	2
1985	—	2517	—	G	10	20	3
1986	—	2518	—	F	11	1	4
1987	—	2519	—	E	12	12	5
1988	2 6	2520	5 32	DC	13	23	0
1989	—	2521	—	B	14	4	1
1990	—	2522	—	A	15	15	2
1991	—	2523	—	G	16	26	3
1992	2 8	2524	6 34	FE	17	7	5
1993	—	2525	—	D	18	18	6
1994	—	2526	—	C	19	29	0

guide my Eye straight along that Line, until I find the Number of Feet, being Nine, and at the Top is 10 or 2, which is either Ten o'Clock in the Forenoon, or Two o'Clock in the Afternoon, the Time of Day required. I shall instance one Example more; On *April* the 15th, or *August* the 8th, at Noon my Shadow will be found to be five Feet and a Quarter; at Eleven in the Forenoon, and One in the Afternoon, it will be found five Feet and a Half; and at Ten in the Forenoon, and Two in the Afternoon, it will be found to be six Feet, and three Parts of a Foot: And so proceed all that Day, or in like Manner for any other Time. *Note*, That q. stands for Quadrans, a Quarter of a Foot; and f. for Semises, Half a Foot; and d. for Dodrans, three Parts of a Foot. But in Observation let your Ground be very level, or else the true Length of your Shadow will not be had at your Observation.

The Use and Explanation of the Table of the Latitudes and Longitudes of most Places in the World, &c.

I shall make an Example in the first Place upon the Table, viz. *Aberdeen*, which is in the Latitude of 57 Degrees and 6 Minutes North, and Longitude 27 Degrees, and Point of Bearing from *London* North by West, Distance in Miles 422, their longest Day being 18 Hours and 30 Minutes; and Difference in Time from *London* will be found only 7 Minutes to be subtracted, or before the Time at *London*. Again, *Boravick upon Tawed* will be found in the Latitude of 55 Degrees 30 Minutes North, Longitude 19 Degrees 30 Minutes, lying North fere from *London*; the Distance in Miles 267, longest Day 17 Hours and 24 Minutes, and Difference in Time, only 2 Minutes add, or after the Time at

Anno Domini.				Sunday Letters.	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.					
1995	2 A 8	2527	6 A 34	B	1	11	1	1
1996	2 10	2528	6 36	AG	2	22	3	2
1997	—	2529	—	F	3	3	4	3
1998	—	2530	—	E	4	14	5	4
1999	—	2531	—	D	5	25	6	1
2000	2 12	2532	6 38	CB	6	6	1	2
2001	—	2533	—	A	7	17	2	3
2002	—	2534	—	G	8	28	3	4
2003	—	2535	—	F	9	9	4	1
2004	2 14	2536	6 40	ED	10	20	6	2
2005	—	2537	—	C	11	1	0	3
2006	—	2538	—	B	12	12	1	4
2007	—	2539	—	A	13	23	2	1
2008	2 16	2540	6 42	GF	14	4	4	2
2009	—	2541	—	E	15	15	5	3
2010	—	2542	—	D	16	26	6	4
2011	—	2543	—	C	17	7	0	1
2012	2 18	2544	6 44	BA	18	18	2	2
2013	—	2545	—	G	19	29	3	3
2014	—	2546	—	F	1	11	4	4
2015	—	2547	—	E	2	22	5	1
2016	2 20	2548	6 46	DC	3	3	0	2
2017	—	2549	—	B	4	14	1	3
2018	—	2550	—	A	5	25	2	4
2019	—	2551	—	G	6	6	3	1
2020	2 22	2552	6 48	FE	7	17	5	2
2021	—	2553	—	D	8	28	6	3
2022	—	2554	—	C	9	9	0	4
2023	—	2555	—	B	10	20	1	1
2024	2 24	2556	6 50	AG	11	1	3	2
2025	—	2557	—	F	12	12	4	3
2026	—	2558	—	E	13	23	5	4
2027	—	2559	—	D	14	4	6	1
2028	2 26	2560	6 52	CB	15	15	1	2
2029	—	2561	—	A	16	26	2	3
2030	—	2562	—	G	17	7	3	4
2031	—	2563	—	F	18	18	4	1
2032	2 28	2564	6 54	ED	19	29	6	2
2033	—	2565	—	C	1	11	0	3
2034	—	2566	—	B	2	22	1	4
2035	—	2567	—	A	3	3	2	1
2036	2 30	2568	6 56	GF	4	14	4	2
2037	—	2569	—	E	5	25	5	3
2038	—	2570	—	D	6	6	6	4

at *London*. So after the same Manner proceed in any other Place in the whole Table.

The Use of the Difference of Time is very great; for, by adding or subtracting the Difference of Time to or from the City of *London*, it gives the true Time of Day or Night in that Place of the World; or, by adding or subtracting the Difference of Time to or from the Times of the New, Full, and Quarters of the Moon in the *Kalendar*, gives the Times of the Rising, Southing and Setting of the Sun, Moon or Stars, the Times of the Eclipses, and the Beginning and Ending of Twilight; which will make it universal as well as perpetual.

An Essay, concerning the four Quarters of the Year, according to Astronomical Computation.

We Astronomers do divide the Year into four Parts or Seasons, according as the Sun (that glorious Lamp of Heaven) perambulates thro' the twelve Signs of the *Zodiack*; for we find by daily Experience, that the Seasons are changed according to his daily Progression in the Signs, &c. Therefore I shall first begin with the Spring-Quarter, which always begins when the Sun apparently enters the Equinoctial Sign *Aries*, which, in this our Age, falls upon the Ninth or Tenth Day of *March*, making always equal Day and Night all the World over (except under the Poles.) But at the Birth of Christ this Quarter (according to the Procession of the Equinox) commenced upon the Twenty fifth Day of *March*: And, in Process of Time, if the World should continue to the Year of Christ 4464, this Quarter will begin on the first Day of *March*; as you may find by adding the proportional Sun's Equation to the Sun's Place in the *Kalendar*, as I before taught you.

Anno Domini.									
Years of Christ.	Sun's Equa. D. M.	Years of Christ.	Sun's Equa. D. M.	Sunday Letters.	Gold. Number.	The Epact.	Week-Day.	Sun's Period.	
2039	2 A 30	2571	6 A 56	C	7	17	0	1	1
2040	2 32	2572	6 58	BA	8	28	2	2	2
2041	—	2573	—	G	9	9	3	3	3
2042	—	2574	—	F	10	20	4	4	4
2043	—	2575	—	E	11	1	5	1	1
2044	2 34	2576	7 0	DC	12	12	0	2	2
2045	—	2577	—	B	13	23	1	3	3
2046	—	2578	—	A	14	4	2	4	4
2047	—	2579	—	G	15	15	3	1	1
2048	2 36	2580	7 2	FE	16	26	5	2	2
2049	—	2581	—	D	17	7	6	3	3
2050	—	2582	—	C	18	18	0	4	4
2051	—	2583	—	B	19	29	1	1	1
2052	2 38	2584	7 4	AG	1	11	3	2	2
2053	—	2585	—	F	2	22	4	3	3
2054	—	2586	—	E	3	3	5	4	4
2055	—	2587	—	D	4	14	6	1	1
2056	2 40	2588	7 6	CB	5	25	1	2	2
2057	—	2589	—	A	6	6	2	3	3
2058	—	2590	—	G	7	17	3	4	4
2059	—	2591	—	F	8	28	4	1	1
2060	2 42	2592	7 8	ED	9	9	6	2	2
2061	—	2593	—	C	10	20	0	3	3
2062	—	2594	—	B	11	1	1	4	4
2063	—	2595	—	A	12	12	2	1	1
2064	2 44	2596	7 10	GF	13	23	4	2	2
2065	—	2597	—	E	14	4	5	3	3
2066	—	2598	—	D	15	15	6	4	4
2067	—	2599	—	C	16	26	0	1	1
2068	2 46	2600	7 12	BA	17	7	2	2	2
2069	—	2601	—	G	18	18	3	3	3
2070	—	2602	—	F	19	29	4	4	4
2071	—	2603	—	E	1	11	5	1	1
2072	2 48	2604	7 14	DC	2	22	0	2	2
2073	—	2605	—	B	3	3	1	3	3
2074	—	2606	—	A	4	14	2	4	4
2075	—	2607	—	G	5	25	3	1	1
2076	2 50	2608	7 16	FE	6	6	5	2	2
2077	—	2609	—	D	7	17	6	3	3
2078	—	2610	—	C	8	28	0	4	4
2079	—	2611	—	B	9	9	1	1	1
2080	2 52	2612	7 18	AG	10	20	3	2	2
2081	—	2613	—	F	11	1	4	3	3
2082	—	2614	—	E	12	12	5	4	4
2083	—	2615	—	D	13	23	6	1	1

The Summer-Quarter in this Age begins about the Eleventh Day of *June*, at which Time the Sun enters the Tropical Sign *Cancer*, making the longest Day and shortest Night to all who live on the North-Side of the Equator, but the contrary to those who live on the South-Side of it. But at the Birth of Christ this Quarter commenced on the Twenty sixth Day of *June*; and, if the World continue to the Year of Christ 4464, it will begin on the second Day of *June*, after the same Proportion aforesaid.

The Autumn or Harvest-Quarter begins always when the Sun enters the Equinoctial Sign *Libra*, making the Day and Night again equal; which in this our Age begins upon the Eleventh or Twelfth Day of *September*. But at the Birth of Christ it commenced about the Twenty-seventh of *September*; and, if the World continue to the Year of Christ 4464, it will begin about the Third Day of *September*.

The Winter-Quarter begins always when the Sun apparently enters the other Tropical Sign *Capricorn*, which makes the longest Night and shortest Day to all our Northern Inhabitants, but the contrary to all the Southern. This Quarter in our Age begins upon the Tenth or Eleventh Day of *December*, but at the Birth of Christ it commenced precisely upon the Twenty-fifth of *December*, the very Day we commemorate for his Birth; and, if the World continue to the Year of Christ 4568, it will begin precisely upon the First Day of *December*.

These Precepts are very easy, and expeditiously performed, if you add the Sun's Equation, in Proportion to the Year you desire, to the Sun's Place in the *Kalendar*, or subtract according to the Title, will answer your Desire.

Thus, to the great and holy Trinity, who hath enabled me to perform this unprofitable Work, be all Honour and Praise.

Anno Domini.				Sunday Letters	Gold. Number.	The Epact.	Week-Day.	Sun's Period.
Years of Christ.	Sun's Equat. D. M.	Years of Christ.	Sun's Equat. D. M.					
2084	2 A 54	2616	7 A 20	CB	14	4	1	2
2085	—	2617	—	A	15	5	2	3
2086	—	2618	—	G	16	26	3	4
2087	—	2619	—	F	17	7	4	1
2088	2 56	2620	7 22	ED	18	18	6	2
2089	—	2621	—	C	19	29	0	3
2090	—	2622	—	B	1	11	1	4
2091	—	2623	—	A	2	22	2	1
2092	2 58	2624	7 24	GF	3	3	4	2
2093	—	2625	—	E	4	14	5	3
2094	—	2626	—	D	5	25	6	4
2095	—	2627	—	C	6	6	0	1
2096	3 0	2628	7 26	BA	7	17	2	2
2097	—	2629	—	G	8	28	3	3
2098	—	2630	—	F	9	9	4	4
2099	—	2631	—	E	10	20	5	1
2100	3 2	2632	7 28	DC	11	1	0	2
2101	—	2633	—	B	12	12	1	3
2102	—	2634	—	A	13	23	2	4
2103	—	2635	—	G	14	4	3	1
2104	3 4	2636	7 30	FE	15	15	5	2
2105	—	2637	—	D	16	26	6	3
2106	—	2638	—	C	17	7	0	4
2107	—	2639	—	B	18	18	1	1
2108	3 6	2640	7 32	AG	19	29	3	2
2109	—	2641	—	F	1	11	4	3
2110	—	2642	—	E	2	22	5	4
2111	—	2643	—	D	3	3	6	1
2112	3 8	2644	7 34	CB	4	14	1	2
2113	—	2645	—	A	5	25	2	3
2114	—	2646	—	G	6	6	3	4
2115	—	2647	—	F	7	17	4	1
2116	3 10	2648	7 36	ED	8	28	6	2
2117	—	2649	—	C	9	9	0	3
2118	—	2650	—	B	10	20	1	4
2119	—	2651	—	A	11	1	2	1
2120	3 12	2652	7 38	GF	12	12	4	2
2121	—	2653	—	E	13	23	5	3
2122	—	2654	—	D	14	4	6	4
2123	—	2655	—	C	15	15	0	1
2124	3 14	2656	7 40	BA	16	26	2	2
2125	—	2657	—	G	17	7	3	3
2126	—	2658	—	F	18	18	4	4
2127	3 16	2659	7 42	E	19	29	5	1

A Table shewing the Hour of the Day by the Length of your Shadow measur'd by your Feet, calculated for the Latitude of 55 Degrees North, but will serve (without much Error) the whole Kingdom.

Hour Aftern.		12	1	2	3	4	5	6	7
Hour Foren.		12	11	10	9	8	7	6	5
Month Days.		Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
June.	11 11	3 f	3 d	4 d	6 q	8 f	12 q	19 o	37 q
	6 16	3 f	3 d	4 d	6 f	8 f	12 q	19 q	37 o
	1 21	3 f	3 d	4 d	6 f	8 d	12 f	19 f	37 f
May.	26 27	3 q	4 o	4 f	6 f	8 d	12 d	19 d	39 o
	20 2	3 q	4 q	4 d	6 f	9 o	13 o	20 o	41 f
	16 7	3 d	4 q	5 o	6 d	9 f	13 q	21 f	45 q
April.	11 13	4 q	4 q	5 q	7 o	9 d	13 d	22 q	50 o
	5 18	4 o	4 f	5 f	7 q	9 d	14 f	23 d	57 o
	30 23	4 f	4 d	5 d	7 f	10 q	14 d	25 f	68 d
March.	25 28	4 d	4 d	6 o	7 o	10 d	15 q	28 q	87 o
	20 2	5 o	5 o	6 f	7 d	11 o	16 f	30 f	124 d
	15 8	5 q	5 f	6 d	8 f	11 f	17 d	34 f	127 d
February.	9 13	5 d	6 o	7 o	9 o	12 q	19 q	39 d	
	4 18	6 q	6 f	7 f	9 q	12 d	21 q	46 f	
	30 23	6 f	6 d	7 d	9 d	14 q	23 f	58 d	
January.	25 28	6 d	7 q	8 q	11 o	15 q	26 q	77 f	
	20 2	7 q	7 d	9 o	11 f	16 f	29 q	115 d	
	15 7	7 f	7 d	9 f	12 d	17 d	33 d	237 o	
December.	10 13	8 q	8 f	10 q	13 q	19 d	39 f		
	5 17	9 o	9 q	11 o	14 o	21 d	48 f		
	28 22	9 f	10 q	11 d	15 d	24 d	62 o		
November.	23 26	10 q	10 d	12 d	17 q	28 o	85 q		
	18 3	10 d	11 f	14 o	19 o	32 f	133 f		
	13 8	12 o	12 d	15 q	21 o	37 f			
October.	8 13	12 d	14 o	16 f	23 d	44 f			
	3 18	14 o	15 o	18 o	26 q	55 q			
	29 23	15 q	16 f	19 d	29 q	70 o			
September.	24 28	16 f	17 d	21 f	33 q	92 q			
	19 2	17 d	18 f	23 f	37 f	132 q			
	14 6	19 o	20 q	26 o	42 d	219 o			
August.	9 11	20 q	22 o	28 o	48 q	327 f			
	4 16	21 f	23 d	30 o	54 d				
	30 21	23 o	24 d	32 f	63 o				
July.	25 26	23 f	26 f	34 f	68 d				
	21 1	24 d	26 d	36 o	74 f				
	16 6	25 o	27 f	37 q	79 o				
June.	11 11	25 f	28 o	37 f	80 q				



HERE I do stand on level
(Ground,
My Shadow to survey;
By Lengths in Feet I've often
(found
The true Hour of the Day.

A very useful Dial's here,
Of late found out by me;
And very true it will appear,
You in this Scheme may see.

My Body's the Substile indeed,
The Ground's the Dial plain;
My Feet do measure out with
(Speed
The Hour-lines of the same.

Example, In the Month August,
The second Day at Noon,
My Shadow then is five Foot
(just,
Tis measur'd very soon.

This may the Hour with Speed
(be found,
When Sol darts forth his Rays
On any Piece of level Ground,
Both just and true always.

This Clock will last your Life
(indeed
(But others they decay)
To show, when you do stand in
(Need,
The true Hour of the Day.

When that bright Sol begins to
(shine,
And you've your Shadow
(trode,
Then think that I'm a Friend of
(thine,
And Servant, Thomas Told.



A Table shewing the Number of Direction, both in the *English* and foreign Accounts, calculated for an hundred Years, beginning with *Anno Domini* 1700, and ending with 1799; by which all the Festivals, *Sundays* and Terms are shewed by Inspection in both Accounts. *Note*, That B. stands for *Bissextile* or Leap-year.

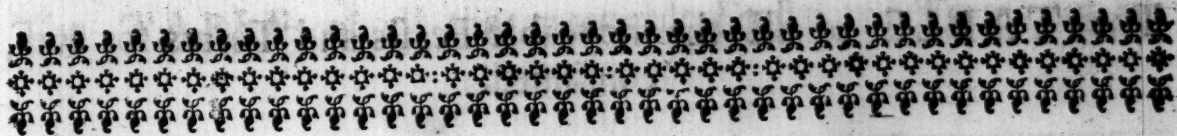
Years of Christ.	Engl. Number.	Rom. Number.	Years of Christ.	Engl. Number.	Rom. Number.	Years of Christ.	Engl. Number.	Rom. Number.	Years of Christ.	Engl. Number.	Rom. Number.	Years of Christ.	Engl. Number.	Rom. Number.
1700 B.	10	7	1720 B.	27	31	1740 B.	16	20	1760 B.	5	9	1780 B.	29	26
1701	30	27	1721	19	16	1741	8	5	1761	25	29	1781	14	18
1702	15	19	1722	4	8	1742	27	25	1762	17	14	1782	6	3
1703	7	4	1723	24	28	1743	13	17	1763	2	6	1783	26	23
1704 B.	26	23	1724 B.	15	12	1744 B.	4	1	1764 B.	21	25	1784 B.	10	14
1705	18	15	1725	7	4	1745	24	21	1765	13	10	1785	30	34
1706	3	7	1726	20	24	1746	9	13	1766	33	30	1786	22	19
1707	23	20	1727	12	9	1747	29	33	1767	18	22	1787	7	11
1708 B.	14	11	1728 B.	31	28	1748 B.	20	17	1768 B.	9	6	1788 B.	26	30
1709	34	31	1729	16	20	1749	5	9	1769	29	26	1789	18	15
1710	19	16	1730	8	5	1750	25	29	1770	14	18	1790	3	7
1711	11	8	1731	28	25	1751	17	14	1771	6	3	1791	23	27
1712 B.	30	27	1732 B.	19	16	1752 B.	8	5	1772 B.	25	22	1792 B.	14	11
1713	15	19	1733	4	8	1753	21	25	1773	10	14	1793	34	31
1714	7	4	1734	24	21	1754	13	10	1774	30	34	1794	19	23
1715	27	24	1735	16	13	1755	33	30	1775	20	19	1795	11	8
1716 B.	11	15	1736 B.	35	32	1756 B.	24	21	1776 B.	13	10	1796 B.	30	27
1717	31	35	1737	20	24	1757	9	13	1777	26	30	1797	15	19
1718	23	20	1738	12	9	1758	29	26	1778	18	17	1798	7	4
1719	8	12	1739	32	29	1759	21	18	1779	10	7	1799	27	24

This Table sheweth by Inspection

The useful Number of Direction;

In both Accounts an hundred Year,

As by the Table will appear.



A TABLE of all the moveable Feasts and Terms for ever.

Eng. Numb.	Rom. Numb.	2d Sunday after Christ.	Epipha- ny.	1st Sunday after Epipha- ny.	2d Sunday after Epipha- ny.	3d Sunday after Epipha- ny.	4th Sunday after Epipha- ny.	5th Sunday after Epipha- ny.	6th Sunday after Epipha- ny.	Septua- gesima Sunday.	Sexage- sima Sunday.
1	29	Jan. 4	Jan. 6	Jan. 11						Jan. 18	Jan. 25
2	30		Mon. 6	12						19	26
3	31		Sund. 6	13						20	27
4	32		Sat. 6	Jan. 7	Jan. 14					21	28
5	33	Jan. 1	Frid. 6	8	15					22	29
6	34		Thu. 6	9	16					23	30
7	35		Wed. 6	10	17					24	31
8	1		Tuef. 6	11	18					25	Feb. 1
9	2		Mon. 6	12	19					26	2
10	3		Sund. 6	13	20					27	3
11	4		Sat. 6	Jan. 7	Jan. 14	Jan. 21				28	4
12	5	Jan. 1	Frid. 6	8	15	22				29	5
13	6		Thur. 6	9	16	23				30	6
14	7		Wed. 6	10	17	24				31	7
15	8		Tuef. 6	11	18	25				Feb. 1	8
16	9		Mon. 6	12	19	26				2	9
17	10		Sund. 6	13	20	27				3	10
18	11		Sat. 6	Jan. 7	Jan. 14	Jan. 21	Jan. 28			4	11
19	12	Jan. 1	Frid. 6	8	15	22	29			5	12
20	13		Thur. 6	9	16	23	30			6	13
21	14		Wed. 6	10	17	24	31			7	14
22	15		Tuef. 6	11	18	25	Feb. 1			8	15
23	16		Mon. 6	12	19	26	2			9	16
24	17		Sund. 6	13	20	27	3			10	17
25	18		Sat. 6	Jan. 7	Jan. 14	Jan. 21	Jan. 28	Feb. 4		11	18
26	19	Jan. 1	Frid. 6	8	15	22	29	5		12	19
27	20		Thur. 6	9	16	23	30	6		13	20
28	21		Wed. 6	10	17	24	31	7		14	21
29	22		Tuef. 6	11	18	25	Feb. 1	8		15	22
30	23		Mon. 6	12	19	26	2	9		16	23
31	24		Sund. 6	13	20	27	3	10		17	24
32	25		Sat. 6	Jan. 7	Jan. 14	Jan. 21	Jan. 28	Feb. 4	Feb. 11	18	25
33	26	Jan. 1	Frid. 6	8	15	22	29	5	12	19	26
34	27		Thur. 6	9	16	23	30	6	13	20	27
35	28		Wed. 6	10	17	24	31	7	14	21	28

The TABLE of all the moveable Feasts and Terms for ever,
continued.

Eng. Numb.	Rom. Num.	Quinquagesima Sunday.	Ash Wednesday.	1st Sunday in Lent.	2d Sunday in Lent.	3d Sunday in Lent.	4th Sunday in Lent.	5th Sunday in Lent.	6th Sunday in Lent.	Easter Sunday.	1st Sunday after Easter.
1	29	Feb. 1	Feb. 4	Feb. 8	Feb. 15	Feb. 22	Mar. 1	Mar. 8	Mar. 15	Mar. 22	Mar. 29
2	30	2	5	9	16	23	2	9	16	23	30
3	31	3	6	10	17	24	3	10	17	24	31
4	32	4	7	11	18	25	4	11	18	25	Apr. 1
5	33	5	8	12	19	26	5	12	19	26	2
6	34	6	9	13	20	27	6	13	20	27	3
7	35	7	10	14	21	28	7	14	21	28	4
8	1	8	11	15	22	Mar. 1	8	15	22	29	5
9	2	9	12	16	23	2	9	16	23	30	6
10	3	10	13	17	24	3	10	17	24	31	7
11	4	11	14	18	25	4	11	18	25	Apr. 1	8
12	5	12	15	19	26	5	12	19	26	2	9
13	6	13	16	20	27	6	13	20	27	3	10
14	7	14	17	21	28	7	14	21	28	4	11
15	8	15	18	22	Mar. 1	8	15	22	29	5	12
16	9	16	19	23	2	9	16	23	30	6	13
17	10	17	20	24	3	10	17	24	31	7	14
18	11	18	21	25	4	11	18	25	Apr. 1	8	15
19	12	19	22	26	5	12	19	26	2	9	16
20	13	20	23	27	6	13	20	27	3	10	17
21	14	21	24	28	7	14	21	28	4	11	18
22	15	22	25	Mar. 1	8	15	22	29	5	12	19
23	16	23	26	2	9	16	23	30	6	13	20
24	17	24	27	3	10	17	24	31	7	14	21
25	18	25	28	4	11	18	25	Apr. 1	8	15	22
26	19	26	Mar. 1	5	12	19	26	2	9	16	23
27	20	27	2	6	13	20	27	3	10	17	24
28	21	28	3	7	14	21	28	4	11	18	25
29	22	Mar. 1	4	8	15	22	29	5	12	19	26
30	23	2	5	9	16	23	30	6	13	20	27
31	24	3	6	10	17	24	31	7	14	21	28
32	25	4	7	11	18	25	Apr. 1	8	15	22	29
33	26	5	8	12	19	26	2	9	16	23	30
34	27	6	9	13	20	27	3	10	17	24	May 1
35	28	7	10	14	21	28	4	11	18	25	2

The TABLE of all the moveable Feasts and Terms for ever,
continued.

Eng. Numb.	Rom. Numb.	2d Sunday after Easter.	3d Sunday after Easter.	4th Sunday after Easter.	5th Sunday after Easter.	Ascen- sion-day. Thurs.	Sunday after Ascen- sion-day.	Whit- sunday.	Trinity Sunday.	1st Sunday after Trinity.	2d Sunday after Trinity.
1	29	Apr. 5	Apr. 12	Apr. 19	Apr. 26	Apr. 30	May 3	May 10	May 17	May 24	May 31
2	30	6	13	20	27	May 1	4	11	18	25	June 1
3	31	7	14	21	28	2	5	12	19	26	2
4	32	8	15	22	29	3	6	13	20	27	3
5	33	9	16	23	30	4	7	14	21	28	4
6	34	10	17	24	May 1	5	8	15	22	29	5
7	35	11	18	25	2	6	9	16	23	30	6
8	1	12	19	26	3	7	10	17	24	31	7
9	2	13	20	27	4	8	11	18	25	June 1	8
10	3	14	21	28	5	9	12	19	26	2	9
11	4	15	22	29	6	10	13	20	27	3	10
12	5	16	23	30	7	11	14	21	28	4	11
13	6	17	24	May 1	8	12	15	22	29	5	12
14	7	18	25	2	9	13	16	23	30	6	13
15	8	19	26	3	10	14	17	24	31	7	14
16	9	20	27	4	11	15	18	25	June 1	8	15
17	10	21	28	5	12	16	19	26	2	9	16
18	11	22	29	6	13	17	20	27	3	10	17
19	12	23	30	7	14	18	21	28	4	11	18
20	13	24	May 1	8	15	19	22	29	5	12	19
21	14	25	2	9	16	20	23	30	6	13	20
22	15	26	3	10	17	21	24	31	7	14	21
23	16	27	4	11	18	22	25	June 1	8	15	22
24	17	28	5	12	19	23	26	2	9	16	23
25	18	29	6	13	20	24	27	3	10	17	24
26	19	30	7	14	21	25	28	4	11	18	25
27	20	May 1	8	15	22	26	29	5	12	19	26
28	21	2	9	16	23	27	30	6	13	20	27
29	22	3	10	17	24	28	31	7	14	21	28
30	23	4	11	18	25	29	June 1	8	15	22	29
31	24	5	12	19	26	30	2	9	16	23	30
32	25	6	13	20	27	31	3	10	17	24	July 1
33	26	7	14	21	28	June 1	4	11	18	25	2
34	27	8	15	22	29	2	5	12	19	26	3
35	28	9	16	23	30	3	6	13	20	27	4

The TABLE of all the moveable Feasts and Terms for ever,
continued.

Eng. Numb.	Rom. Num.	3d Sunday after Trinity.	4th Sunday after Trinity.	5th Sunday after Trinity.	6th Sunday after Trinity.	7th Sunday after Trinity.	8th Sunday after Trinity.	9th Sunday after Trinity.	10th Sunday after Trinity.	11th Sunday after Trinity.	12th Sunday after Trinity.
1 29		June 7	June 14	June 21	June 28	July 5	July 12	July 19	July 26	Aug. 2	Aug. 9
2 30		8	15	22	29	6	13	20	27	3	10
3 31		9	16	23	30	7	14	21	28	4	11
4 32		10	17	24	July 1	8	15	22	29	5	12
5 33		11	18	25	2	9	16	23	30	6	13
6 34		12	19	26	3	10	17	24	31	7	14
7 35		13	20	27	4	11	18	25	Aug. 1	8	15
8 1		14	21	28	5	12	19	26	2	9	16
9 2		15	22	29	6	13	20	27	3	10	17
10 3		16	23	30	7	14	21	28	4	11	18
11 4		17	24	July 1	8	15	22	29	5	12	19
12 5		18	25	2	9	16	23	30	6	13	20
13 6		19	26	3	10	17	24	31	7	14	21
14 7		20	27	4	11	18	25	Aug. 1	8	15	22
15 8		21	28	5	12	19	26	2	9	16	23
16 9		22	29	6	13	20	27	3	10	17	24
17 10		23	30	7	14	21	28	4	11	18	25
18 11		24	July 1	8	15	22	29	5	12	19	26
19 12		25	2	9	16	23	30	6	13	20	27
20 13		26	3	10	17	24	31	7	14	21	28
21 14		27	4	11	18	25	Aug. 1	8	15	22	29
22 15		28	5	12	19	26	2	9	16	23	30
23 16		29	6	13	20	27	3	10	17	24	31
24 17		30	7	14	21	28	4	11	18	25	Sep. 1
25 18	July	1	8	15	22	29	5	12	19	26	2
26 19		2	9	16	23	30	6	13	20	27	3
27 20		3	10	17	24	31	7	14	21	28	4
28 21		4	11	18	25	Aug. 1	8	15	22	29	5
29 22		5	12	19	26	2	9	16	23	30	6
30 23		6	13	20	27	3	10	17	24	31	7
31 24		7	14	21	28	4	11	18	25	Sep. 1	8
32 25		8	15	22	29	5	12	19	26	2	9
33 26		9	16	23	30	6	13	20	27	3	10
34 27		10	17	24	31	7	14	21	28	4	11
35 28		11	18	25	Aug. 1	8	15	22	29	5	12

The TABLE of all the moveable Feasts and Terms for ever
continued.

Reg. Numb.	Rem. Numb.	13th Sunday after Trinity.	14th Sunday after Trinity.	15th Sunday after Trinity.	16th Sunday after Trinity.	17th Sunday after Trinity.	18th Sunday after Trinity.	19th Sunday after Trinity.	20th Sunday after Trinity.	21st Sunday after Trinity.	22d Sunday after Trinity.
1 29		Aug. 16	Aug. 23	Aug. 30	Sep. 6	Sep. 13	Sep. 20	Sep. 27	Oct. 4	Oct. 11	Oct. 18
2 30		17	24	31	7	14	21	28	5	12	19
3 31		18	25	Sep. 1	8	15	22	29	6	13	20
4 32		19	26	2	9	16	23	30	7	14	21
5 33		20	27	3	10	17	24	Oct. 1	8	15	22
6 34		21	28	4	11	18	25	2	9	16	23
7 35		22	29	5	12	19	26	3	10	17	24
8 1		23	30	6	13	20	27	4	11	18	25
9 2		24	31	7	14	21	28	5	12	19	26
10 3		25	Sep. 1	8	15	22	29	6	13	20	27
11 4		26	2	9	16	23	30	7	14	21	28
12 5		27	3	10	17	24	Oct. 1	8	15	22	29
13 6		28	4	11	18	25	2	9	16	23	30
14 7		29	5	12	19	26	3	10	17	24	31
15 8		30	6	13	20	27	4	11	18	25	Nov. 1
16 9		31	7	14	21	28	5	12	19	26	2
17 10	Sep.	1	8	15	22	29	6	13	20	27	3
18 11		2	9	16	23	30	7	14	21	28	4
19 12		3	10	17	24	Oct. 1	8	15	22	29	5
20 13		4	11	18	25	2	9	16	23	30	6
21 14		5	12	19	26	3	10	17	24	31	7
22 15		6	13	20	27	4	11	18	25	Nov. 1	8
23 16		7	14	21	28	5	12	19	26	2	9
24 17		8	15	22	29	6	13	20	27	3	10
25 18		9	16	23	30	7	14	21	28	4	11
26 19		10	17	24	Oct. 1	8	15	22	29	5	12
27 20		11	18	25	2	9	16	23	30	6	13
28 21		12	19	26	3	10	17	24	31	7	14
29 22		13	20	27	4	11	18	25	Nov. 1	8	15
30 23		14	21	28	5	12	19	26	2	9	16
31 24		15	22	29	6	13	20	27	3	10	17
32 25		16	23	30	7	14	21	28	4	11	18
33 26		17	24	Oct. 1	8	15	22	29	5	12	19
34 27		18	25	2	9	16	23	30	6	13	20
35 28		19	26	3	10	17	24	31	7	14	21

The TABLE of all the moveable Feasts and Terms for ever,
continued.

Page Numb.	Rom. Numb.	23d Sunday after Trinity.	24th Sunday after Trinity.	25th Sunday after Trinity.	26th Sunday after Trinity.	27th Sunday after Trinity.	Advent. Sunday.	2d Sunday in Advent.	3d Sunday in Advent.	4th Sunday in Advent.	1st Sunday after Christ.
29	1	Oct. 25	Nov. 1	Nov. 8	Nov. 15	Nov. 22	Nov. 29	Dec. 6	Dec. 13	Dec. 20	Dec. 27
30	2	26	2	9	16	23	30	7	14	21	28
31	3	27	3	10	17	24	Dec. 1	8	15	22	29
32	4	28	4	11	18	25	2	9	16	23	30
33	5	29	5	12	19	26	3	10	17	24	31
34	6	30	6	13	20		Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
35	7	31	7	14	21		28	5	12	19	26
1	8	Nov. 1	8	15	22		29	6	13	20	27
2	9	2	9	16	23		30	7	14	21	28
3	10	3	10	17	24		Dec. 1	8	15	22	29
4	11	4	11	18	25		2	9	16	23	30
5	12	5	12	19	26		3	10	17	24	31
6	13	6	13	20			Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
7	14	7	14	21			28	5	12	19	26
8	15	8	15	22			29	6	13	20	27
9	16	9	16	23			30	7	14	21	28
10	17	10	17	24			Dec. 1	8	15	22	29
11	18	11	18	25			2	9	16	23	30
12	19	12	19	26			3	10	17	24	31
13	20	13	20				Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
14	21	14	21				28	5	12	19	26
15	22	15	22				29	6	13	20	27
16	23	16	23				30	7	14	21	28
17	24	17	24				Dec. 1	8	15	22	29
18	25	18	25				2	9	16	23	30
19	26	19	26				3	10	17	24	31
20	27	20					Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
21	28	21					28	5	12	19	26
22	29	22					29	6	13	20	27
23	30	23					30	7	14	21	28
24	31	24					Dec. 1	8	15	22	29
25	32	25					2	9	16	23	30
26	33	26					3	10	17	24	31
27	34						Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
28	35						28	5	12	19	26
29	36						29	6	13	20	27
30	37						30	7	14	21	28
31	38						Dec. 1	8	15	22	29
32	39						2	9	16	23	30
33	40						3	10	17	24	31
34	41						Nov. 27	Dec. 4	Dec. 11	Dec. 18	Dec. 25
35	42						28	5	12	19	26

A TABLE shewing by Inspection the Beginning, Ending, and Returns of *Easter Term* for ever.

Page Num.	Term Num.	Easter Term begins	Easter Term ends	Their Returns, or Effoin Days.				
				1. Quind. Pasch.	2. Tres Pasch.	3. Mense Pasch.	4. Quinque Pasch.	5. Craffin Pasch.
129	Apr. 8	May 4	Apr. 6	Apr. 13	Apr. 20	Apr. 27	May 1	
230	Wed. 9	Mon. 5	Mon. 7	Mon. 14	Mon. 21	Mon. 28	Frid. 2	
331	10	6	8	15	22	29	3	
432	11	7	9	16	23	30	4	
533	12	8	10	17	24	May 1	5	
634	13	9	11	18	25	2	6	
735	14	10	12	19	26	3	7	
81	15	11	13	20	27	4	8	
92	16	12	14	21	28	5	9	
103	17	13	15	22	29	6	10	
114	18	14	16	23	30	7	11	
125	19	15	17	24	May 1	8	12	
136	20	16	18	25	2	9	13	
147	21	17	19	26	3	10	14	
158	22	18	20	27	4	11	15	
169	23	19	21	28	5	12	16	
1710	24	20	22	29	6	13	17	
1811	25	21	23	30	7	14	18	
1912	26	22	24	May 1	8	15	19	
2013	27	23	25	2	9	16	20	
2114	28	24	26	3	10	17	21	
2215	29	25	27	4	11	18	22	
2316	30	26	28	5	12	19	23	
2417	May 1	27	29	6	13	20	24	
2518	2	28	30	7	14	21	25	
2619	3	29	May 1	8	15	22	26	
2720	4	30	2	9	16	23	27	
2821	5	31	3	10	17	24	28	
2922	6	June 1	4	11	18	25	29	
3023	7	2	5	12	19	26	30	
3124	8	3	6	13	20	27	31	
3225	9	4	7	14	21	28	June 1	
3326	10	5	8	15	22	29	2	
3427	11	6	9	16	23	30	3	
3528	12	7	10	17	24	31	4	

Note, For Easter Term, That the Days of Exception, Return of Writs, and Days of Appearance, are always the Day following the Effoin Day, except the first and last Days of Appearance, which are the first and last Days of the Term.

A TABLE shewing by Inspection the Beginning, Ending and
Returns of *Trinity* Term for ever.

Eng. Numb.	Rom. Num.	Trinity Term begins	Trinity Term ends	Their Returns, or Effoin Days.			
				1	2	3	4
				Craft. Trinity.	Octab. Trinity.	Quind. Trinity.	Tres. Trinity.
1	29	May 22	June 10	May 18	May 25	June 1	June 8
2	30	Frid. 23	Wed. 11	Mon. 19	Mon. 26	Mon. 2	Mon. 9
3	31	24	12	20	27	3	10
4	32	25	13	21	28	4	11
5	33	26	14	22	29	5	12
6	34	27	15	23	30	6	13
7	35	28	16	24	31	7	14
8	1	29	17	25	June 1	8	15
9	2	30	18	26	2	9	16
10	3	31	19	27	3	10	17
11	4	June 1	20	28	4	11	18
12	5	2	21	29	5	12	19
13	6	3	22	30	6	13	20
14	7	4	23	31	7	14	21
15	8	5	24	June 1	8	15	22
16	9	6	25	2	9	16	23
17	10	7	26	3	10	17	24
18	11	8	27	4	11	18	25
19	12	9	28	5	12	19	26
20	13	10	29	6	13	20	27
21	14	11	30	7	14	21	28
22	15	12	July 1	8	15	22	29
23	16	13	2	9	16	23	30
24	17	14	3	10	17	24	July 1
25	18	15	4	11	18	25	2
26	19	16	5	12	19	26	3
27	20	17	6	13	20	27	4
28	21	18	7	14	21	28	5
29	22	19	8	15	22	29	6
30	23	20	9	16	23	30	7
31	24	21	10	17	24	July 1	8
32	25	22	11	18	25	2	9
33	26	23	12	19	26	3	10
34	27	24	13	20	27	4	11
35	28	25	14	21	28	5	12

Note also. For *Trinity* Term, That the Days of Exception and Return of Writs, are on the Morrow of the Effoin Days, all but the first Return of Writ, which is on the Morrow of the first Exception Day; and the Days of Appearance are on the Morrow of the Days of Exception and Return of Writ.

A TABLE of the two fixed Terms, with their Returns or Essoin Days.

Hillary Term begins Jan. 23d, ends Feb. 12th, if not Sundays.

Returns or Essoin Days.	Exception Days.	Return of Writ.	Days of Appearance.
1. Octabis Hillary, - - Jan. 20.	Jan. - 21.	Jan. - 22.	Jan. - 23.
2. Quindene Hillary, - Jan. 27.	Jan. - 28.	Jan. - 29.	Jan. - 30.
3. Craftin's Purification, - Feb. 3.	Feb. - 4.	Feb. - 5.	Feb. - 6.
4. Octabis Purification, - Feb. 9.	Feb. - 10.	Feb. - 11.	Feb. - 12.

Michaelmas Term begins Oct. 23d, ends Nov. 29th, if not Sundays.

1. Tres Michael, - - - Oct. 20.	Oct. - 21.	Oct. - 22.	Oct. - 23.
2. Menfe Michael, - - Oct. 27.	Oct. - 28.	Oct. - 29.	Oct. - 30.
3. Craftin's Annim, - - Nov. 3.	Nov. - 4.	Nov. - 5.	Nov. - 6.
4. Craftin's Martin, - - Nov. 12.	Nov. - 13.	Nov. - 14.	Nov. - 15.
5. Octabis Martin, - - Nov. 18.	Nov. - 19.	Nov. - 20.	Nov. - 22.
6. Quindede Martin, - - Nov. 25.	Nov. - 26.	Nov. - 27.	Nov. - 29.

Note, *The Exchequer opens Eight Days before any Term except Trinity Term, before which it opens but Four Days: The first and last Days of every Term are the first and last Days of Appearance. Note also, That there are no Sittings in Westminster-Hall on Ascension Day, Midsummer Day, the First and Second of November, and the Second of February.*

Two Lawiers, when a knotty Cause was o'er,
Shook Hands, altho' they quarrel'd hard before.
Oh! say their Clients, Pray come tell us how
Can you be Friends, that were such Foes just now?
They answer'd quickly, These Things we do screen
Like Shears, don't cut ourselves, but what's between.

JANUARY hath XXXI Days.

Month Days.	Week Day Letter.	Week Day Number.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.								
				First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.									
				Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.									
									Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.				
									The Sun in Capricorn.							
									D	MD	MD	MD	M			
1	A	6	Circumcision.			28. 2 A			21	56	21	41	22	26	22	11
2	B	7	Oct. Stephen.	4. 10 A	20. 8 M		12. 10 A	Moon Eclip.	22	57	22	41	23	29	23	12
3	C	1	Meliorus.		18. 0 A	26. 8 A			23	58	23	43	24	30	24	13
4	D	2	Oct. Juno.	3. 2 M	17. 6 A		11. 10 A		24	59	24	43	25	31	25	14
5	E	3	Simcon.	1. 6 A		25. 3 A			26	12	25	45	26	32	26	15
6	F	4	Epiphany.		15. 4 M	23. 0 A	9. 11 M		27	22	26	45	27	33	27	16
7	G	5	Julianus.	29. 1 A		22. 7 A	7. 4 M	Sun. Ecl. invisible.	28	32	27	47	28	34	28	17
8	A	6	Lucianus.		14. 1 A		6. 11 M		29	42	28	47	29	35	29	19
9	B	7	Palus Er.	28. 0 A		20. 5 M	4. 10 A		Aqu. 5	29	49	Aqu. 36	Aqu. 20			
10	C	1	Higimus.		12. 7 M	18. 5 A			1	6	Aqu. 50	1	37	1	21	
11	D	2	Archard.	26. 7 A			3. 0 A		2	7		51	2	38	2	22
12	E	3	Satirius.	25. 16 P	11. 11 M	17. 10 M			3	8		52	3	39	3	23
13	F	4	Hillary Bish.	23. 1 M	7. 7 A		1. 11 A	Moon Eclip.	4	9		53	4	40	4	24
14	G	5	Felix.	22. 0 A		15. 7 A			5	10		54	5	41	5	25
15	A	6	Maurice.		6. 6 M		29. 3 A		6	11		55	6	42	6	26
16	B	7	Marcell.	20. 8 A		14. 10 M			7	12		56	7	43	7	27
17	C	1	Anthony.		4. 7 A	12. 8 A	28. 5 M	Sun Ecl. invisible.	8	13		57	8	44	8	28
18	D	2	Phisca.	18. 7 A			26. 0 A		9	13		58	9	45	9	29
19	E	3	Ulfstan.		3. 5 A	11. 3 M	25. 7 A	Sun Ecl. invisible.	10	14		59	10	46	10	30
20	F	4	Pr. Wales Bo.	17. 2 A		9. 1 A	23. 5 A		11	15		0	11	47	11	31
21	G	5	St. Agnes Past.		1. 0 A	7. 3 A			12	16		1	12	47	12	32
22	A	6	Vincent.	15. 3 M	29. 5 A		22. 0 A		13	17		2	13	48	13	32
23	B	7	Hil. Term Be.	14. 7 M	28. 8 A	6. 10 M			14	18		3	14	49	14	33
24	C	1	Timothy.	12. 3 A			20. 6 A		15	19		4	15	50	15	34
25	D	2	St. Paul Con.		26. 10 M	4. 11 M			16	20		5	16	51	16	35
26	E	3	Polycarp.	11. 7 M		3. 10 A	18. 6 M		17	21		5	17	52	17	35
27	F	4	Quin. Hillary.		25. 5 M		17. 2 A		18	21		6	18	53	18	36
28	G	5	Julian.	9. 4 M	23. 10 A	1. 4 M	15. 10 A	Sun Ecl. invisible.	19	22		7	19	54	19	37
29	A	6	Valerius.	7. 6 A		29. 3 A		Sun Ecl. invisible.	20	23		7	20	55	20	37
30	B	7	K. C. I. Murd.		22. 0 A		14. 10 M		21	23		8	21	56	21	38
31	C	1	Adaman.	6. 6 M	20. 5 A	28. 3 M			22	24		9	22	57	22	38

JANUARY.

				Day's Increase.	Length of Day.		Length of Night.		Day Ends		Sun Sets.		Sun Rises		Day Breaks		Sun's Place.		Roman Saints and holy Days.	Rom. Week Day.	Rom. Month Day.	Eng. Week Day.	Eng. Month Day.	
Deg.		H		M		H		M		H		M		H		M		Aqu.						
1	A	12	E	Satirius.	15	47	8	53	55	6	13	16	10	7	50	1	0							
2	B	13	F	Hillary Bish.	25	46	8	33	57	6	14	16	6	7	54	1	4							
3	C	14	G	Felix.	35	45	8	23	58	6	15	16	4	7	56	1	6							
4	D	15	A	Maurice.	45	44	8	04	06	16	16	16	0	8	0	1	10							
5	E	16	B	Marcell.	55	42	7	58	4	26	18	15	56	8	4	1	14							
6	F	17	C	Anthony.	65	41	7	56	4	48	19	15	52	8	8	1	18							
7	G	18	D	Phisca.	75	40	7	55	4	56	20	15	50	8	10	1	20							
8	A	19	E	Ulfan.	85	38	7	53	4	76	22	15	46	8	14	1	24							
9	B	20	F	Pr. Wales Bo.	95	37	7	51	4	96	23	15	42	8	18	1	28							
10	C	21	G	St. Agnes Fast.	105	35	7	49	4	116	25	15	38	8	22	1	32							
11	D	22	A	Vincent.	115	34	7	47	4	126	26	15	34	8	24	1	34							
12	E	23	B	Hil. Term Be.	125	32	7	45	4	156	28	15	30	8	30	1	40							
13	F	24	C	Timothy.	135	30	7	43	4	176	30	15	26	8	34	1	44							
14	G	25	D	St. Paul Con.	145	29	7	41	4	196	31	15	22	8	38	1	48							
15	A	26	E	Polycarp.	155	27	7	39	4	216	33	15	18	8	42	1	52							
16	B	27	F	Quind. Hil.	165	25	7	37	4	236	35	15	14	8	46	1	56							
17	C	28	G	Julian.	175	24	7	35	4	256	36	15	10	8	50	2	0							
18	D	29	A	Valerius.	185	22	7	33	4	276	38	15	6	8	54	2	4							
19	E	30	B	K.C.I. Murd.	195	21	7	31	4	296	39	15	2	8	58	2	8							
20	F	31	C	Adaman.	205	19	7	29	4	316	41	14	58	9	2	2	12							
21	G	Feb.	D	Bridget.	215	17	7	27	4	336	43	14	54	9	6	2	16							
22	A	2	E	Candlemas.	225	15	7	25	4	356	45	14	50	9	10	2	20							
23	B	3	F	Craft. Purif.	235	14	7	23	4	376	46	14	46	9	14	2	24							
24	C	4	G	Blacius.	245	12	7	21	4	396	48	14	42	9	18	2	28							
25	D	5	A	Agatha.	255	10	7	18	4	426	50	14	38	9	24	2	34							
26	E	6	B	Q. Anne Bo.	265	8	7	16	4	446	52	14	32	9	28	2	38							
27	F	7	C	Augustus.	275	6	7	14	4	466	54	14	28	9	32	2	42							
28	G	8	D	Lucius.	285	4	7	12	4	486	56	14	24	9	36	2	46							
29	A	9	E	Oct. Purif.	295	2	7	10	4	506	58	14	20	9	40	2	50							
30	B	10	F	Scholastick.	305	0	7	8	4	527	0	14	16	9	44	2	54							
31	C	11	G	Difideri.																				

FEBRUARY hath XXVIII, but in Leap Year XXIX Days.

Month Day.	Week Day Number. Week Day Letter.	Saints and Holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.					
			Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.						
			The Sun in Aquary.									
			First Quarier.	Last Quarter.	NEW MOON.	FULL MOON.	D	MD	MD	MD	M	
1 D	2	Bridget.	4. 5 M	18. 9 A		12. 5 A	23	24	23	9 23	56 23	39
2 E	3	Candlemas.	3. 11 M		26. 3 A		24	25	24	10 24	56 24	39
3 F	4	Graft. Purif		17. 4 A	25. 20 P	11. 0 A	25	25	25	14 25	56 25	40
4 G	5	Blafius.	1. 2 A		23. 10 A	9. 14 P	26	26	26	11 26	57 26	40
5 A	6	Agatha.		15. 0 A		7. 2 A	27	27	27	11 27	57 27	41
6 B	7	Q. Anne Bo	29. 0 A		22. 6 A	6. 9 A	28	28	28	11 28	57 28	41
7 C	1	Augustus.		14. 11 M	20. 6 A		29	30	29	12 29	58 29	42
8 D	2	Lucius.	28. 9 M			4. 1 A	Pif. 27	Pif. 12	Pif. 58	Pif. 42		
9 E	3	Oft. Purif.	26. 19 P	12. 2 A	18. 9 M		1	28 1	13 1	59 1	42	
10 F	4	Scholaflick.	25. 23 P	11. 9 A		3. 6 M	2	28 2	13 2	59 2	43	
11 G	5	Defideri.	23. 2 A	9. 13 P	17. 4 M		3	28 3	13 3	59 3	43	
12 A	6	Hil. Term E.		7. 8 M		1. 4 A	4	29 4	14 5	0 4	43	
13 B	7	Cicero.	22. 2 M	6. 11 A	15. 11 M		5	29 5	14 6	0 5	44	
14 C	1	Valentine.			14. 11 A	29. 5 M	6	29 6	14 7	0 6	44	
15 D	2	Crato.	20. 6 A			28. 3 A	7	29 7	15 8	0 7	44	
16 E	3	Onesimus.		4. 5 A	12. 6 M	26. 10 A	8	30 8	15 9	1 8	44	
17 F	4	Finan B.	18. 2 A		11. 3 A		9	30 9	15 10	1 9	44	
18 G	5	Simeon.		3. 10 M		25. 10 M	10	30 10	15 11	1 10	44	
19 A	6	Gabricus.	17. 5 M	1. 9 A	9. 2 M	23. 0 A	11	30 11	15 12	1 11	44	
20 B	7	Elutheri.	15. 10 M		7. 10 M		12	30 12	15 13	1 12	45	
21 C	1	Severian.	14. 3 A	29. 1 M		22. 7 M	13	30 13	15 14	1 13	45	
22 D	2	Cath. Petri.		28. 6 M	6. 3 M		14	30 14	15 15	1 14	45	
23 E	3	Polycarp.	12. 8 M		4. 11 A	20. 7 M	15	30 15	15 16	1 15	44	
24 F	4	St. Mathias.		26. 4 M		18. 4 A	16	30 16	15 17	1 16	44	
25 G	5	Constance.	11. 3 M		3. 8 M	17. 11 A	17	30 17	15 18	1 17	44	
26 A	6	Victorinus.		25. 1 M	1. 4 A		18	30 18	15 19	0 18	44	
27 B	7	Leander.	9. 1 M	23. 1 A		15. 11 M	19	29 19	15 20	0 19	44	
28 C	1	Ruffinus.	7. 7 M	22. 12 A	29. 5 M		20	29 20	14 21	0 20	44	
29 D	2	Roman.						21	14			

Where the double Letters are inserted, those on the Right-hand must be used in Leap Years.

FEBRUARY. A.M.

Eng. Week Day.	Eng. Month Day.	Rom. Week Day.	Rom. Month Day.	Roman Saints Days.	Sun's Place.	Day Breaks.		Sun Rises.		Sun Sets.		Day Ends.		Length of Night.		Length of Day.		Day's Increase.	
						Pic	Deg.	H	MH	MH	MH	MH	MH	MH	MH	MH	MH	M	M
1	D	2	A	Hil. Term E.	14		58	7	64	54	7	2	14	12	9	48	2	58	
2	E	13	B	Cicero.	24		54	7	34	57	7	6	14	6	9	54	3	4	
3	F	14	C	Valentine.	34		51	7	14	59	7	9	14	2	9	58	3	8	
4	G	15	D	Crato.	44		48	6	58	5	27	12	13	56	10	43		14	
5	A	16	E	Onesimus.	54		46	6	56	5	47	14	13	52	10	83		18	
6	B	17	F	Finan B.	64		44	6	54	5	67	16	13	48	10	123		22	
7	C	18	G	Simeon.	74		42	6	52	5	87	18	13	44	10	163		26	
8	D	19	A	Gabricus.	84		40	6	50	5	107	20	13	40	10	203		30	
9	E	20	B	Elutheri.	94		38	6	48	5	127	22	13	36	10	243		34	
10	F	21	C	Severian.	104		35	6	46	5	147	25	13	32	10	283		38	
11	G	22	D	Cath. Petri.	114		33	6	43	5	177	27	13	26	10	343		44	
12	A	23	E	Polycarp.	124		31	6	41	5	197	29	13	22	10	383		48	
13	B	24	F	St. Matthias.	134		28	6	39	5	217	32	13	18	10	423		52	
14	C	25	G	Constance.	144		26	6	36	5	247	34	13	12	10	443		54	
15	D	26	A	Victorinus.	154		24	6	34	5	267	36	13	8	10	524		2	
16	E	27	B	Leander.	164		21	6	32	5	287	39	13	4	10	564		6	
17	F	28	C	Ruffinus.	174		19	6	29	5	317	41	12	58	11	24		12	
18	G	29	D	Roman.	184		17	6	27	5	337	43	12	54	11	64		16	
19	A	Ma.	D	Q. Carl. Bo. &	194		15	6	24	5	367	45	12	48	11	124		22	
20	B	2	E	St. David.	204		12	6	22	5	387	48	12	44	11	164		26	
21	C	3	F	Lucius.	214		9	6	20	5	407	51	12	40	11	204		30	
22	D	4	G	Adrian.	224		6	6	18	5	427	54	12	36	11	244		34	
23	E	5	A	Eusebius.	234		4	6	16	5	447	56	12	32	11	284		38	
24	F	6	B	Frodolin.	244		2	6	14	5	467	58	12	28	11	324		42	
25	G	7	C	Perpetua.	254		0	6	12	5	487	59	12	24	11	364		46	
26	A	8	D	Q. Anne Pro.	264		0	6	10	5	508	0	12	20	11	404		50	
27	B	9	E	Martyr.	273		58	6	7	5	538	2	12	14	11	464		56	
28	C	10	F	Agapitus.	283		56	6	4	5	548	4	12	8	11	484		58	
29	D	11	G	Heraclius.	293		53	6	2	5	558	7	12	4	11	565		6	
					303		50	6	0	6	08	10	12	0	12	05		10	



MARCH Aeth XXXI Days.

Month Days.	Week Day Number.	Week Day Letter.	Saints and Holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.								
				Table 1.	Table 2.	Table 3.	Table 4.									
				1735. 1739.	1736. 1740.	1737. 1741.	1738. 1742.									
				The Sun in Pices.												
				D	M	D	M	D	M	D	M					
1	D	2	St. David and Q. Carlo. Bo.	6. 2 A	20. 11 A	28. 10 A	14. 2 M	Sun Eclip. invifible.	21	29	22	14	22	0	21	43
2	E	3		4. 3 A			12. 0 A		22	29	23	14	22	59	22	43
3	F	4	Lucius.		18. 8 M	26. 8 M			23	28	24	14	23	59	23	43
4	G	5	Adrian.	3. 1 M	17. 7 A	25. 9 A	11. 4 M		24	28	25	13	24	59	24	42
5	A	6	Eusebius.				9. 3 A		25	28	26	13	25	58	24	42
6	B	7	Procolin.	1. 2 A		23. 8 M	7. 11 A		26	27	27	12	26	58	26	42
7	C	8	Perpetua.		15. 11 M	22. 5 A			27	27	28	12	27	57	27	41
8	D	9	Q. Anne Pro.	29. 8 M			6. 8 M		28	26	29	11	28	57	28	41
9	E	10	Martyr.		14. 6 M	20. 9 M			29	27	Ari. 11	29	56	29	40	
10	F	11	Agapitus.	26. 2 A			4. 5 M		Ari. 25	1	10	Ari. 56	Ari. 40			
11	G	12	Heradius.	25. 6 A	11. 4 M	18. 8 M		Sun Eclip. invifible.	1	25	2	10	1	55	1	39
12	A	13	Gregory.		9. 9 M	17. 6 A	3. 10 M	Sun Eclip. invifible.	2	24	3	9	2	55	2	38
13	B	14	Euphrat.	23. 1 M	7. 10 A				3	23	4	8	3	54	3	38
14	C	15	Petrus.	22. 7 A			1. 5 M		4	23	5	8	4	53	4	37
15	D	16	Longinus.		6. 6 A	15. 0 M	29. 4 A		5	25	6	7	5	53	5	36
16	E	17	Cyracus.			12. 4 A	28. 12 A	Moon Eclip.	6	22	7	6	6	52	6	36
17	F	18	Patrick Day.	20. 1 A			26. 9 M		7	20	8	5	7	51	7	35
18	G	19	Alexander.		4. 10 M	11. 3 M	25. 9 A		8	20	9	4	8	50	8	34
19	A	20	Josephus.	18. 5 M	3. 12 A	9. 5 A			9	19	10	4	9	49	9	33
20	B	21	Joachini.	17. 5 A					10	18	11	3	10	48	10	32
21	C	22	Benedict.	15. 7 A	1. 2 M		23. 4 M		11	17	12	2	11	47	11	31
22	D	23	Palus.	14. 12 A	29. 8 M	7. 3 M	22. 12 A	Sun Eclip. invifible.	12	16	13	1	12	46	12	30
23	E	24	Victorina.		28. 5 A	6. 7 A			13	15	14	0	13	45	13	29
24	F	25	Lanfrank.	12. 1 M	26. 12 A		20. 5 A		14	14	14	59	14	44	14	28
25	G	26	Lady Day.	11. 11 A		4. 9 M			15	13	15	58	15	43	15	27
26	A	27	Marcus.		25. 9 A	3. 4 A	18. 1 M		16	12	16	56	16	42	16	26
27	B	28	John Ere.	9. 8 A			17. 4 M	Moon Eclip.	17	11	17	55	17	41	17	25
28	C	29	Prifcus.			1. 5 M			18	10	18	54	18	40	18	24
29	D	30	Cyrrillus.	7. 5 A	23. 1 M	29. 8 A	15. 1 M		19	9	19	53	19	39	19	23
30	E	31	Guydo.	6. 9 A	22. 7 M		14. 6 A		20	8	20	52	20	37	20	21
31	F		Adelme.		20. 6 M	28. 3 A			21	7	21	50	21	36	21	20

APRIL MARCH

Day's Increase.	Length of Day.		Length of Night.		Day Ends.		Sun Sets.		Sun Rises.		Day Breaks.		Sun's Place.		Roman Saints Days.	Rom. Week Day.	Rom. Month Day.	Eng. Week Day.	Eng. Month Day.
	M	H	M	H	M	H	M	H	M	H	M	H	Deg.	Aries					
12	43	12	56	12	14	11	28	8	58	6	43	5	13		A Gregory.	12	A	D	1
17	95	12	51	12	16	11	48	8	55	6	42	5	23		B Euphrat.	13	B	E	2
22	145	12	46	12	19	11	78	8	53	6	41	5	33		C Petrus.	14	C	F	3
27	205	12	40	12	22	11	108	8	50	6	38	5	43		D Longinus.	15	D	G	4
32	245	12	36	12	25	11	128	8	48	6	35	5	53		E Cyracus.	16	E	A	5
36	285	12	32	12	28	11	148	8	46	6	32	5	63		F Patrick.	17	F	B	6
40	325	12	38	12	30	11	168	8	44	6	30	5	73		G Alexander.	18	G	C	7
44	365	12	24	12	33	11	188	8	42	6	27	5	83		A Josephus.	19	A	D	8
48	405	12	20	12	35	11	208	8	40	6	25	5	93		B Joachini.	20	B	E	9
52	445	12	16	12	38	11	228	8	38	6	22	5	103		C Benedict.	21	C	F	10
58	505	12	10	12	41	11	258	8	35	6	19	5	113		D Palus.	22	D	G	11
2	546	12	6	12	44	11	278	8	33	6	16	5	123		E Victoria.	23	E	A	12
4	566	12	2	12	48	11	288	8	31	6	12	5	133		F Lanfrank.	24	F	B	13
12	46	13	56	13	51	10	328	8	28	6	9	5	143		G Lady Day.	25	G	C	14
16	86	13	52	13	54	10	348	8	26	6	6	5	153		A Marcus.	26	A	D	15
22	146	13	46	13	59	10	378	8	23	6	3	5	163		B John Ere.	27	B	E	16
24	166	13	42	13	2	10	389	9	21	6	58	5	172		C Priscus.	28	C	F	17
30	226	13	38	13	5	10	419	9	19	6	55	5	182		D Cyrillus.	29	D	G	18
36	286	13	32	13	8	10	449	9	16	6	51	5	192		E Guydo.	30	E	A	19
40	326	13	24	13	12	10	469	9	14	6	48	5	202		F Adelmé.	31	F	B	20
44	366	13	24	13	15	10	489	9	12	6	45	5	212		G Theodore.	Ap.	G	C	21
48	406	13	20	13	18	10	509	9	10	6	41	5	222		A Amplicia.	2	A	D	22
52	446	13	16	13	22	10	529	9	8	6	38	5	232		B Pancraft.	3	B	E	23
56	486	13	12	13	25	10	549	9	6	6	35	5	242		C Ambroas.	4	C	F	24
2	547	13	6	13	28	10	579	9	3	6	31	5	252		D Irneus.	5	D	G	25
6	587	13	2	13	33	10	599	9	1	6	27	5	262		E Cristus.	6	E	A	26
10	27	14	58	14	37	9	1	9	59	7	23	4	272		F Gab. L. B.	7	F	B	27
14	67	14	54	14	46	9	39	9	57	7	14	4	282		G Edecus.	8	G	C	28
20	127	14	48	14	53	9	69	9	54	7	7	4	292		A Proctor.	9	A	D	29
24	167	14	44	14	50	9	89	9	52	7	0	4	302		B Apolon.	10	B	E	30
															C Leo P. C.	11	C	F	31

APRIL hath XXX Days.

Month Days.	Week Day Number. Week Day Letter.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.				
			First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.					
			Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.					
							Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.	
							The Sun in Aries.				
							D	M	D	M	
1	G	5 Theodore.	4. 0 M	18. 6 A	26. 10 A	12. 2 M	Sun Eclip. invisible.	22	5	22	49
2	A	6 Amplicia.	3. 1 A			11. 4 A		23	3	23	48
3	B	7 Pancraft.		17. 10 M	25. 10 M			24	2	24	46
4	C	1 Ambroas.			23. 5 A	9. 2 M		25	0	25	45
5	D	2 Inneus.	1. 4 M			7. 8 M		25	59	26	43
6	E	3 Cristus.		15. 4 M	22. 1 M	6. 6 A	Moon Eclip. 	26	58	27	42
7	F	4 Gab. L. B.	29. 1 M	14. 9 A 12. 0 A			[Rises thus.]	27	56	28	40
8	G	5 Edecus.	26. 9 A 28. 4 A		20. 0 M	4. 11 A		28	54	29	39
9	A	6 Proctor.		11. 11 M	18. 8 A			29	53	Tau. 37	Tau. 23
10	B	7 Appolon.	25. 1 M	9. 5 A		3. 5 A		Tau. 51	1	36	1
11	C	1 Leo P. C.	23. 5 A		17. 10 M		Sun Eclip. invisible.	1	50	2	34
12	D	2 Licence.		7. 3 A		1. 5 A		2	48	3	32
13	E	3 Justinus.	22. 2 A		15. 9 M	29. 13 P	Sun Eclip. invisible.	3	46	4	31
14	F	4 Carolonus.		6. 1 A	14. 6 A	28. 20 P		4	45	5	29
15	G	5 Pr. Will. Bo.			12. 1 M	26. 9 A	Moon Eclip. 	5	43	6	27
16	A	6 Calistus.	20. 4 M	4. 12 A	11. 3 A			6	41	7	25
17	B	7 Anictus.	18. 5 A			25. 11 M		7	39	8	23
18	C	1 Elutheri.		3. 10 M	9. 8 M			8	38	9	20
19	D	2 Socrates.	17. 1 M	1. 10 M		23. 10 A		9	36	10	20
20	E	3 Sulphitius.	15. 1 M	29. 5 A	7. 6 A			10	34	11	18
21	F	4 Anselm.	14. 10 M			22. 1 A		11	32	12	16
22	G	5 Solerius.	12. 7 A	28. 3 M	6. 8 M		Sun Eclip. invisible.	11	30	13	15
23	A	6 St. George.		26. 7 A	4. 5 A	20. 2 M		13	28	14	12
24	B	7 Saba.	11. 5 A			18. 9 M		14	26	15	10
25	C	1 St. Mark E.		25. 4 A	3. 0 M	17. 5 A		15	24	16	8
26	D	2 Bacilius.	9. 11 M		1. 7 A			16	22	17	6
27	E	3 Anthinius.	7. 10 A	23. 6 M		15. 3 A	Moon Ecl. invisible.	17	20	18	4
28	F	4 Vitalis M.		22. 1 A	29. 1 A			18	18	19	2
29	G	5 Tichicus.	6. 4 M	20. 6 A		14. 10 M		19	16	19	59
30	A	6 Cath. Sien.	4. 0 A		28. 8 M	12. 4 A		20	13	20	57

APRIL

				Roman Saints Days.	Sun's Place. Tau.	Day Breaks		Sun Rises		Sun Sets		Day Ends		Length of Night.		Length of Day.		Day's Increase.		
						Deg.	H	M	H	M	H	M	H	M	H	M	H	M		
Eng. Month Day.	Eng. Week Day.	Rom. Month Day.	Rom. Week Day.																	
1	G	12	D	Licence.	12		8	4	50	7	10	9	52	9	40	14	20	7	28	
2	A	13	E	Justinus.	22			3	4	48	7	12	9	57	9	36	14	24	7	32
3	B	14	F	Carolonus.	31			5	4	46	7	14	10	29	9	32	14	28	7	36
4	C	15	G	Pr. Will. Bo.	41			5	3	44	7	16	10	7	9	28	14	32	7	40
5	D	16	A	Calistus.	51			4	8	41	7	18	10	12	9	22	14	38	7	46
6	E	17	B	Anicetus.	61			4	3	39	7	21	10	17	9	18	14	42	7	50
7	F	18	C	Elutheri.	71			3	8	37	7	23	10	22	9	14	14	46	7	54
8	G	19	D	Socrates.	81			3	3	35	7	25	10	27	9	10	14	50	7	58
9	A	20	E	Sulphitius.	91			2	8	33	7	27	10	32	9	6	14	54	8	2
10	B	21	F	Anselm.	101			2	2	31	7	29	10	38	9	2	14	58	8	6
11	C	22	G	Solerius.	111			1	6	29	7	31	10	44	8	58	15	2	8	12
12	D	23	A	St. George.	121			1	0	27	7	33	10	50	8	54	15	6	8	14
13	E	24	B	Saba.	131				7	25	7	35	11	2	8	50	15	10	8	18
14	F	25	C	St. Mark E.	140				5	23	7	37	11	9	8	46	15	14	8	22
15	G	26	D	Bacilius.	150				4	21	7	39	11	14	8	42	15	18	8	26
16	A	27	E	Anthinius.	160				4	19	7	41	11	19	8	38	15	22	8	30
17	B	28	F	Vitalis M.	170				3	17	7	43	11	24	8	34	15	26	8	34
18	C	29	G	Tichicus.	180				3	15	7	45	11	30	8	30	15	30	8	38
19	D	30	A	Cath. Sien.	190				2	13	7	47	11	36	8	26	15	34	8	42
20	E	May 1	B	St. Philip.	200				1	11	7	49	11	42	8	22	15	38	8	46
21	F	2	C	St. James.	210				1	9	7	51	11	48	8	18	15	42	8	50
22	G	3	D	Invent. †.	22					4	8	52			8	16	15	44	8	52
23	A	4	E	Florianus.	23					4	6	54			8	12	15	48	8	56
24	B	5	F	Epiphanus.	24					4	4	56			8	8	15	52	9	0
25	C	6	G	Jo. Ant. P.	25					4	2	58			8	4	15	56	9	4
26	D	7	A	Flavia.	26					4	0	0			8	0	16	0	9	8
27	E	8	B	Victorius.	27					3	58	8		2	7	56	16	4	9	12
28	F	9	C	Hirma.	28					3	56	8		4	7	52	16	8	9	16
29	G	10	D	Gordian.	29					3	54	8		6	7	48	16	12	9	20
30	A	11	E	Manmart.	30					3	53	8		7	7	46	16	14	9	22

Week Day Number.		Saints and Holy Days.	First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.	Eclipses of the Sun and Moon.	The Sun's daily Motion for his Period.							
Month Day.	Week Day Letter.		Epaet and Hour.	Epaet and Hour.	Epaet and Hour.	Epaet and Hour.		Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.	The Sun in Taurus.			
								D	M	D	M	D	M	D	M
1	B	7 Philip and		18.9 M	26.9 M			21	11	21	55	21	12	21	25
2	C	1 James.	3. 5 M		25. 6 A	11. 4 M	Sun Ecl. invisible.	22	9	22	53	22	10	22	23
3	D	2 Invention t.		17. 3 M		9. 10 M		23	7	23	51	23	8	23	21
4	E	3 Florianus.	1. 10 A		23. 2 M	7. 6 A		24	4	24	48	24	5	24	18
5	F	4 Epiphanus.		15. 8 A	22. 1 A			25	2	25	46	25	3	25	16
6	G	5 Jo. Ant. P.	29. 11 M	14. 21 P		6. 6 M		26	0	26	44	26	0	26	14
7	A	6 Flavia.	28. 14 P	12. 0 A	20. 5 A			26	58	27	41	26	54	27	12
8	B	7 Victorius.	26. 2 M	11. 4 A		4. 0 A	Moon Ecl. invisible.	27	55	28	39	27	51	28	9
9	C	1 Hirma.	25. 8 M		18. 0 A			28	53	29	37	28	49	29	7
10	D	2 Gordian.		9. 1 M		3. 9 M		29	51	Gem. 34	29	46	Gem. 4		
11	E	3 Manmart.	23. 9 M		17. 4 M			Gem. 48	1	32	Gem. 43	1		2	
12	F	4 Nereus.		7. 9 M	15. 6 A	1. 2 M	Sun Ecl. invisible.	1	46	2	29	1	41	2	0
13	G	5 Gregory.	22. 8 M		14. 3 A	29. 9 M	Sun Ecl. invisible.	2	43	3	27	2	39	2	57
14	A	6 Bonifaci.		6. 5 M	12. 2 A	28. 4 A		3	41	4	24	3	37	3	55
15	B	7 Torquat.	20. 4 A			26. 9 M		4	38	5	22	4	34	4	52
16	C	1 Aquilin.		4. 5 M	11. 6 M			5	36	6	19	5	32	5	50
17	D	2 Torperus.	18. 1 M	3. 4 A	9. 11 A	25. 2 M		6	33	7	17	6	29	6	47
18	E	3 Dialcorus.	17. 6 M	1. 5 A				7	31	8	14	7	27	7	45
19	F	4 Hioroun.	15. 10 M			23. 0 A		8	26	9	12	8	24	8	42
20	G	5 Rogate.	14. 11 A	29. 3 M	7. 7 M			9	26	10	8	9	21	9	39
21	A	6 Timothy.		28. 7 A	6. 5 A	22. 0 M		10	22	11	7	10	19	10	37
22	B	7 Juliana.	12. 2 A			20. 9 M		11	20	12	4	11	16	11	34
23	C	1 Chrysoft.		26. 0 A	4. 0 M	18. 5 A	Sun Ecl. invisible.	12	18	13	1	12	14	12	32
24	D	2 Agrippi.	11. 10 M		3. 10 M			13	15	13	59	13	11	13	29
25	E	3 Urbanus.	9. 12 A	25. 6 M		17. 2 M		14	13	14	56	14	8	14	26
26	F	4 Austin Bish.		23. 3 A	1. 9 M			15	10	15	53	15	4	15	22
27	G	5 John P.	7. 5 M	22. 7 A		15. 6 M		16	7	16	51	16	2	16	21
28	A	6 K. Geo. I. Bo.	6. 9 M		29. 4 M			17	5	17	51	17	0	17	18
29	B	7 K. G. II. Refo.		20. 4 M	28. 10 A	14. 4 M	Moon Eclip.	18	2	18	45	17	57	18	15
30	C	1 P. Amelia &c.	4. 1 M	18. 2 M	26. 5 A	12. 1 M		18	59	19	43	18	54	19	13
31	D	2 Caroline Bo.	13. 9 A			11. 11 M		19	56	20	40	19	52	20	10

MAY.

Sun's Place.	Gem.	Sun's Place.	Gem.	Sun Rises.	Sun Sets.	Day Ends.	Length of Night.	Length of Day.	Day's Increase.	Roman Saints Days.	Rom. Week Day.	Rom. Month Day.	Eng. Week Day.	Eng. Month Day.
Deg.	H	M	H	M	M	M	H	M	M	M	M	M	M	M
1		3	51	8	9		7	42	16	18	9	26		
2		3	49	8	11		7	38	16	22	9	30		
3		3	48	8	12		7	36	16	24	9	32		
4		3	47	8	13		7	34	16	26	9	34		
5		3	46	8	14		7	32	16	28	9	36		
6		3	44	8	16		7	28	16	32	9	40		
7		3	43	8	17		7	26	16	34	9	42		
8		3	41	8	19		7	22	16	38	9	46		
9		3	40	8	20		7	20	16	40	9	48		
10		3	39	8	21		7	18	16	42	9	50		
11		3	38	8	22		7	16	16	44	9	52		
12		3	37	8	23		7	14	16	46	9	54		
13		3	36	8	24		7	12	16	48	9	56		
14		3	35	8	25		7	10	16	50	9	58		
15		3	34	8	26		7	8	16	52	10	0		
16		3	33	8	27		7	6	16	54	10	2		
17		3	32	8	28		7	4	16	56	10	4		
18		3	31	8	29		7	2	16	58	10	6		
19		3	31	8	29		7	2	16	58	10	6		
20		3	30	8	30		7	0	17	0	10	8		
21		3	29	8	31		6	58	17	2	10	10		
22		3	29	8	31		6	58	17	2	10	10		
23		3	28	8	32		6	56	17	4	10	12		
24		3	28	8	32		6	56	17	4	10	12		
25		3	28	8	32		6	56	17	4	10	12		
26		3	27	8	33		6	54	17	6	10	14		
27		3	27	8	33		6	54	17	6	10	14		
28		3	27	8	33		6	54	17	6	10	14		
29		3	26	8	34		6	52	17	8	10	16		
30		3	26	8	34		6	52	17	8	10	16		
31		3	26	8	34		6	52	17	8	10	16		

No real Night, but Twilight.

No real Night, but Twilight.

JUNE hath XXX Days.

Month Days.	Week Day Number.	Week Day Letter.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.
				First Quarter	Last Quarter	NEW MOON.	FULL MOON.	
				Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.	
								Table 1. 1735. 1739.
								Table 2. 1736. 1740.
								Table 3. 1737. 1741.
								Table 4. 1738. 1742.
								The Sun in Gemini.
								D M D M D M D M
1	E	3	Pamphilus.		17. 9 A	25. 1 M	9. 5 A	20 54 21 36 20 51 21 8
2	F	4	Erasmus.			23. 10 M		21 51 22 34 21 48 22 5
3	G	5	Paula.	1. 0 A		22. 11 A	7. 5 M	22 48 23 32 22 45 23 2
4	A	6	Florianus.	29. 13 P	15. 8 M		6. 7 A	23 45 24 29 23 43 23 59
5	B	7	Marcianus.	28. 19 P	14. 5 A			24 43 25 26 24 39 24 57
6	C	1	Artemius.	26. 8 M		20. 9 M		25 40 26 23 25 36 25 54
7	D	2	Fulgentius.	25. 6 A	11. 1 M		4. 4 M	26 36 27 20 26 32 26 51
8	E	3	Medardus.		9. Noon	18. 1 M	3. 9 A	27 34 28 18 27 30 27 48
9	F	4	Felidicianus					28 32 29 15 28 27 28 45
10	G	5	Onofri.	23. 3 M		17. 2 M	1. 10 M	29 29 Can. 12 29 25 29 43
11	A	6	K. G. II. Accef.	7. 1 M	15. 1 M	29. 4 A		Can. 26 1 9 Can. 22 Can. 40
12	B	7	& St. Barnab.	22. 1 M	6. 10 A	14. 8 M	28. 13 P	1 23 2 7 1 20 1 37
13	C	1	Corp. Christi.			12. 3 M	26. 11 A	2 20 3 4 2 19 2 34
14	D	2	Wright.	20. 0 M	4. 5 A	11. 8 A		3 18 4 1 3 19 3 31
15	E	3	K. G. II. Pro.	18. 7 M	3. 9 A		25. 5 A	4 15 4 58 4 18 4 29
16	F	4	Richard.	17. 11 M		9. 3 A		5 12 5 55 5 13 5 26
17	G	5	Mouranus.	15. 8 A	1. 2 M		23. 10 A	6 9 6 52 6 7 6 23
18	A	6	Marcus.		29. 3 A	7. 5 A		7 6 7 50 7 1 7 20
19	B	7	Garvacius.	14. 1 A			22. 10 M	8 3 8 47 7 58 8 17
20	C	1	Roufon J.		28. 11 M	6. 12 A	20. 4 A	9 1 9 44 8 55 9 14
21	D	2	Demistrius.	12. 4 M		4. 8 M		9 58 10 41 9 51 10 12
22	E	3	Paulinus.	11. 10 A	26. 3 M	3. 7 A	18. 2 M	10 55 11 38 10 49 11 9
23	F	4	Theophil.		25. 4 A		17. 2 A	11 52 12 36 11 46 12 6
24	G	5	St. John Bap.	9. 9 M	23. 7 A	1. 11 A		12 49 13 32 12 43 13 3
25	A	6	Lucia.	7. 9 M			15. 10 A	13 47 14 30 13 40 14 0
26	B	7	Anna.	6. 4 A	22. 0 M	29. 7 A		14 44 15 27 14 38 14 58
27	C	1	Crescus.		20. 5 A		14. 4 A	15 41 16 24 15 35 15 55
28	D	2	Leo.	4. 5 A		28. 0 A	12. 9 M	16 38 17 22 16 32 16 52
29	E		St. Pet. & Paul.		8. 4 A	26. 2 M	11. 5 A	17 35 18 19 17 29 17 49
30	F	4	Ackers.	3. 1 A		25. 8 M	9. 10 A	18 33 19 16 18 26 18 46

JUNE

Days Decrease.		Length of Day.		Length of Night.		Day Ends.		Sun Sets.		Sun Rises.		Day Breaks.		Sun's Place.		Roman Saints Days.		Rom. Week Day.		Rom. Month Day.		Eng. Week Day.		Eng. Month Day.				
M	H	M	H	M	H	M	H	M	H	M	H	M	H	Deg.	Can.													
0	0	8	0	17	52	6		34	26	3		No real Night, but Twilight.										1		Bafilides.	B	12	E	1
2	2	6	0	17	54	6		33	27	3												2		C Corp. Christi.	C	13	F	2
2	2	6	0	17	54	6		33	27	3												3		D Wright.	D	14	G	3
2	2	6	0	17	54	6		33	27	3												4		E K. G. II Pro.	E	15	A	4
4	4	4	0	17	56	6		32	28	3												5		F Richard.	F	16	B	5
4	4	4	0	17	56	6		32	28	3												6		G Moutanus.	G	17	C	6
6	6	2	0	17	58	6		31	29	3												7		A Marcus.	A	18	D	7
6	6	2	0	17	58	6		31	29	3												8		B Garvacius.	B	19	E	8
6	6	2	0	17	58	6		31	29	3												9		C Roufon J.	C	20	F	9
8	8	0	0	17	0	7		30	30	3												10		D Demistrius.	D	21	G	10
10	10	58	0	16	2	7		29	31	3												11		F Paulinus.	F	22	A	11
12	12	58	0	16	2	7		29	31	3												12		G Theophilae.	G	23	B	12
14	14	56	0	16	4	7		28	32	3												13		St. John Bap.		24	C	13
16	16	54	0	16	6	7		27	33	3												14		A Lucia.	A	25	D	14
18	18	52	0	16	8	7		26	34	3												15		B Anna.	B	26	E	15
20	20	50	0	16	10	7		25	35	3												16		C Crescus.	C	27	F	16
22	22	48	0	16	12	7		24	36	3												17		D Leo.	D	28	G	17
24	24	46	0	16	14	7		23	37	3												18		St. Pet & Paul.	E	29	A	18
26	26	44	0	16	16	7		22	38	3												19		F Ackers.	F	30	B	19
28	28	42	0	16	18	7		21	39	3												20		G Syrithous.	G	July	C	20
30	30	40	0	16	20	7		20	40	3												21		Vif Vir. Mar.	A	2	D	21
32	32	38	0	16	22	7		19	41	3												22		B Barnard.	B	3	E	22
36	36	34	0	16	26	7		17	43	3												23		C Theodorus.	C	4	F	23
38	38	32	0	16	28	7		16	44	3												24		D Nicastrat.	D	5	G	24
44	44	28	0	16	32	7		14	46	3												25		E Tranquil.	E	6	A	25
46	46	26	0	16	34	7		13	47	3												26		F Tho a Beck.	F	7	B	26
46	46	24	0	16	36	7		12	48	3												27		G Procopius.	G	8	C	27
48	48	22	0	16	38	7		11	49	3												28		A Cyrillius.	A	9	D	28
52	52	18	0	16	42	7		9	51	3												29		B Mother L.	B	10	E	29
56	56	14	0	16	46	7		7	53	3												30		C Pius.	C	11	F	30

No real Night, but Twilight.

No real Night, but Twilight.

JULY hath XXXI Days.

Month Days.	Week Day Number. Week Day Letter.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.
			First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.	
			Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.	
1	G	5 Sirithous.		17. 2 A	23. 9 A		Sun Eclip. invisible.
2	A	6 Vir. Vir. Mar.				7. 5 A	
3	B	7 Barnard.	1. 0 M	15. 5 A	22. 1 A		
4	C	1 Theodorus.	29. 10 M	14. 12 A		6. 10 M	
5	D	2 Nicastrat.	28. 1 A	12. 0 M	20. 11 A		Moon Ecl. invisible.
6	E	3 Tranquil.	26. 4 A	11. 11 M		4. 7 A	
7	F	4 Tho. a Beck.	25. 5 M		18. 2 A		
8	G	5 Procopius.		9. 2 M		3. 7 M	
9	A	6 Cyrillius.	23. 9 M		17. 1 M	1. 4 A	Sun Eclip.
10	B	7 Mother L.		7. 7 A	15. 8 M		
11	C	1 Pius.	22. 5 A		14. 4 A	29. 1 M	
12	D	2 Nabor.		6. 1 A	12. 4 A	28. 10 M	
13	E	3 Worcester.	20. 6 M	4. 10 A		26. 3 A	Sun Eclip.
14	F	4 Sonavent.	18. 0 A		11. 10 M		
15	G	5 St. Swethin.	17. 4 A	3. 2 M		25. 9 M	
16	A	6 Osmond.		1. 1 A	9. 6 M		
17	B	7 Elexius.	15. 8 M			23. 9 M	Sun Eclip.
18	C	1 Gondon.		29. 5 M	7. 1 M	22. 5 A	
19	D	2 Dog-days Be.	14. 5 M		6. 9 M	20. 11 A	
20	E	3 Margaret.	12. 8 A	28. 4 M	4. 5 A		
21	F	4 Praxeda.		26. 2 A		18. 0 A	Moon Eclip.
22	G	5 Magdalen.	11. 9 M		3. 7 M		
23	A	6 Apoliner.	9. 3 A	25. 1 M		17. 2 M	
24	B	7 Christiana.	7. 4 A	23. 1 M	1. 4 A		
25	C	1 St. James Ap.		22. 9 M		15. 1 A	Sun Eclip. invisible.
26	D	2 Anna.	6. 1 M		29. 8 M	14. 16 P	
27	E	3 Maurus.			28. 10 A	12. 5 A	
28	F	4 Nazarius.	4. 11 M	20. 2 M	26. 9 M	11. 11 A	
29	G	5 Martha.		18. 10 M	25. 4 A		Moon Eclip.
30	A	6 Abdon.	3. 8 M			9. 4 A	
31	B	7 Fabius.		17. 6 M	23. 0 A		

The Sun's daily Motion for his Period.

Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.
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The Sun in Cancer.

D	M	D	M	D	M	D	M
19	30	20	13	19	59	19	44
20	27	21	10	20	56	20	41
21	24	22	8	21	54	21	38
22	21	23	5	22	51	22	35
23	19	24	2	23	48	23	33
24	16	24	59	24	45	24	30
25	12	25	57	25	43	25	27
26	10	26	54	26	40	26	24
27	7	27	51	27	37	27	22
28	5	28	48	28	35	28	19
29	2	29	46	29	32	29	16
Leo 0	56	1	41	1	27	1	11
1	54	2	38	2	24	2	8
2	52	3	35	3	21	3	6
3	49	4	33	4	19	4	3
4	46	5	30	5	16	5	0
5	44	6	27	6	13	5	57
6	41	7	25	7	11	6	55
7	39	8	22	8	8	7	53
8	36	9	20	9	6	8	50
9	34	10	17	10	3	9	47
10	31	11	15	11	1	10	45
11	28	12	12	11	58	11	42
12	26	13	10	12	56	12	40
13	24	14	7	13	53	13	37
14	21	15	5	14	51	14	35
15	19	16	2	15	48	15	33
16	16	17	0	16	46	16	30
17	14	17	58	17	44	17	28
18	12	18	55	18	41	18	25

		Day's Decrease.		Length of Day.		Length of Night.		Day Ends.		Sun Sets.		Sun Rises.		Day Breaks.		Sun's Place.	
		M	H	M	H	M	H	M	H	M	H	M	H	M	H	Leo.	
Roman Saints Days.																	
Rom. Week Day.	Rom. Month Day.	D	Nabor.	1	0	10	16	50	7	5	8	55	3	1			
		E	Worcester.	2	4	9	16	54	7	3	8	57	3	2			
		F	Sonavent.	3	6	4	16	56	7	2	8	58	3	3			
		G	St. Swethin.	4	10	0	16	0	8	0	8	0	4	4	No real Darknelfs.		
		A	Osmond.	5	14	5	15	4	8	58	7	2	4	5			
		B	Elexius.	6	18	5	15	8	8	56	7	4	4	6			
		C	Gondon.	7	22	4	15	12	8	54	7	6	4	7			
		D	Dog-days Be.	8	26	4	15	16	8	52	7	8	4	8			
		E	Margaret.	9	28	4	15	18	8	51	7	9	4	9			
		F	Praxeda.	10	32	3	15	22	8	49	7	11	4	10			
		G	Magdalen.	11	36	3	15	26	8	47	7	13	4	11			
		A	Apoliner.	12	40	3	15	30	8	45	7	15	4	12			
		B	Christiana.	13	44	2	15	34	8	43	7	17	4	13			
		C	St. James Ap.	14	48	2	15	38	8	41	7	19	4	14			
		D	Anna.	15	52	1	15	42	8	39	7	21	4	15	10	4	
		E	Maurus.	16	56	1	15	46	8	37	7	23	4	16	10	4	
		F	Nazarius.	17	0	2	15	50	8	35	7	25	4	17	10	0	
		G	Martha.	18	4	2	15	54	8	33	7	27	4	18	10	0	
		A	Abdon.	19	8	2	15	58	8	31	7	29	4	19	10	0	
		B	Fabius.	20	12	2	14	2	9	29	7	31	4	20	10	1	
		C	K.G.I.Pro.&c	21	16	2	14	6	9	27	7	33	4	21	10	1	
		D	Lammas-day.	22	20	2	14	10	9	25	7	35	4	22	10	1	
		E	Aristarcus.	23	24	2	14	14	9	23	7	37	4	23	10	1	
		F	Tovy E.	24	28	2	14	18	9	21	7	39	4	24	10	1	
		G	Eucigius.	25	32	2	14	22	9	19	7	41	4	25	10	1	
		A	Sextus.	26	36	2	14	26	9	17	7	43	4	26	10	1	
		B	Donatus.	27	42	2	14	32	9	14	7	46	4	27	10	1	
		C	Cyracus.	28	46	2	14	36	9	12	7	48	4	28	10	2	
		D	Julianus.	29	50	2	14	40	9	10	7	50	4	29	10	2	
		E	Laurance.	30	54	2	14	44	9	9	7	52	4	30	10	2	
		F	Tiburtius.	31	58	2	14	48	9	8	7	54	4	31	10	2	

AUGUST hath XXXI Days.

Month Days.	Week Day Number. Week Day Letter.	Saints and holy Days.	Eclipses of the Sun and Moon.				The Sun's daily Motion for his Period.								
			First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.	Table 1. 1735. 1739.	Table 2. 1738. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.					
			Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.	The Sun in Leo.								
			D	M	D	M	D	M	D	M	D	M			
1	C	1 K.G.I. Pro. &	1. 8 M	15. 10 A		7. 4 M		19	9	19	57	19	37	19	23
2	D	2 Lammæ day.	29. 2 A	14. 16 P	22. 2 M			20	7	20	51	20	37	20	21
3	E	3 Aristarcus.	28. 7 A	12. 8 M		6. 12 A		21	5	21	48	21	34	21	18
4	F	4 Tovy E.	26. 3 M	11. 11 A	20. 11 M		Sun Eclip.	22	2	22	48	22	32	22	16
5	G	5 Eucigius.	25. 8 A			4. 8 M		23	0	23	44	23	30	23	14
6	A	6 Sextus.		9. 7 A	18. 0 M	3. 5 A		23	58	24	42	24	28	24	12
7	B	7 Donatus.			17. 9 M	1. 11 A		24	56	25	39	25	25	25	10
8	C	1 Cyracus.	23. 1 A		15. 5 A			25	53	26	37	26	23	26	7
9	D	2 Julianus.		7. 10 M		29. 9 M	Moon Ecl. invisible.	26	51	27	35	27	21	27	5
10	E	3 Laurance.	22. 5 M	6. 12 A	14. 5 M	28. 9 A		27	49	28	32	28	19	28	3
11	F	4 Tiburtius.	20. 1 A		12. 8 M			28	47	29	29	29	17	29	1
12	G	5 Clare Virg.	18. 5 A	4. 4 M		26. 4 M		29	45	Vir.	25	Vir.	15	29	59
13	A	6 Hipolitus.	17. 11 A	3. 8 M	11. 3 M	25. 12 A		Vir	43	1	27	1	13	Vir	57
14	B	7 Marcellus.			9. 7 A		Sun Ecl. invisible.	1	41	2	25	2	11	1	55
15	C	1 Aff. Vir. Mar.		1. 1 M		23. 5 A		2	39	3	23	3	9	2	53
16	D	2 Ambrocus.	15. 1 M	29. 12 A	7. 9 M			3	37	4	21	4	7	3	51
17	E	3 Bonifacius.	14. 11 A		6. 4 A	22. 0 M		4	35	5	19	5	5	4	49
18	F	4 Berards.		28. 10 A		20. 10 M		5	33	6	17	6	3	5	47
19	G	5 Julius.	12. 8 M		4. 5 M	18. 12 A	Moon Eclip.	6	31	7	15	7	1	6	45
20	A	6 Severius.	11. 4 A	26. 1 M	3. 8 A			7	29	8	13	7	59	7	43
21	B	7 Pro of Orange.	9. 9 A	25. 1 M		17. 5 A		8	27	9	11	8	57	8	41
22	C	1 Timotheus.		23. 6 M				9	25	10	10	9	56	9	40
23	D	2 Donatus.	7. 1 M	22. 6 M	1. 7 M			10	22	11	8	10	54	10	38
24	E	3 St. Bartolo.	6. 2 A		29. 10 A	15. 3 M	Sun Ecl. invisible.	11	21	12	6	11	52	11	36
25	F	4 Lewis King			28. 20 P	14. 4 A	Sun Ecl. invisible.	12	20	13	4	12	50	12	34
26	G	5 Zoph. P. M.		20. 4 M	26. 4 A	20. 0 M		13	19	14	3	13	49	13	33
27	A	6 Dig-days E.	4. 4 M			11. 8 M		14	17	15	2	14	47	14	31
28	B	7 Aulfen Bish.		18. 3 M	25. 1 M	9. 6 A		15	15	16	1	15	46	15	29
29	C	1 Carolus N.	3. 1 M	17. 9 A				16	14	16	56	16	44	16	28
30	D	2 Fælix.	1. 4 A		23. 0 M	7. 10 A		17	12	17	55	17	42	17	26
31	E	3 Adrin Bish.	29. 8 A	15. 6 M	22. 7 A			18	11	18	48	18	41	18	25

AUGUST.

				Day's Decrease	Length of Day.		Length of Night.		Day Ends.		Sun Sets.		Sun Rises.		Day Breaks.		Sun's Place.
				M	M	H	M	M	H	M	M	H	M	H	H	Deg.	Vir.
Roman Saints Days.																	
Rom. Week Day.	Rom. Month Day.	Eng. Week Day.	Eng. Month Day.														
1	12	C	1	G	Clare Virg.	12	2	58	14	48	9	48	69	54	7	12	2
2	13	D	2	A	Hipolitus.	13	6	4	14	54	9	54	39	57	7	22	2
3	14	E	3	B	Marcellus.	14	23	8	14	58	9	58	19	59	7	32	2
4	15	F	4	C	Aff. Vir. Mar.	15	3	12	13	2	10	2	37	16	59	42	2
5	16	G	5	D	Ambrocius.	16	18	3	13	8	10	8	31	46	56	52	2
6	17	A	6	E	Bonifacius.	17	22	3	13	12	10	12	25	66	54	62	2
7	18	B	7	F	Berards.	18	26	3	13	16	10	16	22	86	52	72	2
8	19	C	8	G	Julius.	19	30	3	13	20	10	20	19	106	50	82	2
9	20	D	9	A	Severius.	20	34	3	13	24	10	24	15	126	48	92	2
10	21	E	10	B	Pr. of Orange	21	38	3	13	28	10	28	12	146	46	102	2
11	22	F	11	C	Timotheus.	22	42	3	13	32	10	32	9	166	44	112	2
12	23	G	12	D	Donatus.	23	48	3	13	38	10	38	5	196	41	122	2
13	24	A	13	E	St. Bartholo.	24	52	3	13	42	10	42	2	216	39	132	2
14	25	B	14	F	Lewis King.	25	56	3	13	46	10	46	58	236	37	143	2
15	26	C	15	G	Zoph. P. M.	26	2	3	13	52	10	52	54	266	34	153	2
16	27	D	16	A	Dog-days E.	27	6	3	13	56	10	56	51	286	32	163	2
17	28	E	17	B	Austin Bish.	28	12	3	12	2	11	2	48	316	29	173	2
18	29	F	18	C	Carolus N.	29	16	3	12	6	11	6	44	336	27	183	2
19	30	G	19	D	Felix.	30	20	3	12	10	11	10	41	356	25	193	2
20	31	A	20	E	Adrin Bish.	31	26	3	12	16	11	16	38	386	22	203	2
21	Sep. 1	B	21	F	Giles A. B.	1	30	3	12	20	11	20	35	406	20	213	2
22	2	C	22	G	Loth. Burnt.	2	34	3	12	24	11	24	33	426	18	223	2
23	3	D	23	A	Theodore.	3	38	3	12	28	11	28	31	446	16	233	2
24	4	E	24	B	Marcillus.	4	42	3	12	32	11	32	28	466	14	243	2
25	5	F	25	C	Victorius.	5	46	3	12	36	11	36	25	486	12	253	2
26	6	G	26	D	Fauftus.	6	52	3	12	40	11	40	22	506	10	263	2
27	7	A	27	E	Johannes.	7	56	3	12	46	11	46	19	536	7	273	2
28	8	B	28	F	Nat. V. Mar.	8	0	3	12	50	11	50	16	556	5	283	2
29	9	C	29	G	Corgonius.	9	4	3	12	54	11	54	13	576	3	293	2
30	10	D	30	A	Softhenius.	10	5	3	12	0	12	0	10	06	0	303	2
31	11	E	31	B	Vincent.	11											

SEPTEMBER hath XXX Days.

Month Days.	Week Day Letter.	Week Day Number.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.
				First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.	
				Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.	
1	F	4	Giles A. B.	28. 12 A	14. 10 M		6. 5 A	
2	G	5	Lond. Burnt.	26. 5 A	12. 9 A	20. 11 A		
3	A	6	Theodore.		11. 3 A		4. 5 A	
4	B	7	Marcillus.	25. 1 A		18. 9 M		Sun Eclip. invifible.
5	C	1	Victorius.		9. 1 A	17. 1 A	3. 1 M	Sun Eclip. invifible.
6	D	2	Fauftus.				1. 11 M	
7	E	3	Johannes.	23. 4 M	7. 11 A	15. 2 M	29. 8 A	
8	F	4	Nat. V. Mar.	22. 5 A		14. 3 A		
9	G	5	Corgonius.	20. 7 A	6. 9 M		28. 11 M	Moon Ecl. invifible.
10	A	6	Softhenius.		4. 9 M	12. 1 M	26. 10 A	
11	B	7	Vincent.	18. 0 M	3. 4 A	11. 6 A		
12	C	1	Guydo.	17. 10 M			25. 1 A	
13	D	2	Liquorius.		1. 6 A	9. 5 M		
14	E	3	Holy-rood.	15. 8 A		7. 5 A	23. 2 M	Sun Eclip. invifible.
15	F	4	Nicomedes.		29. 7 A		22. 9 M	
16	G	5	Euphemia.	14. 5 A		6. 0 M	20. 10 A	
17	A	6	Lampertus.	12. 5 A	28. 4 A	4. 7 A		
18	B	7	Firillus.	11. 11 A	26. 9 M		18. 3 A	
19	C	1	Dampart.		25. 1 A	3. 1 A		
20	D	2	Alchurch.	9. 4 M	23. 6 A		17. 6 M	Moon Ecl.
21	E	3	St. Matth. E.	7. 0 A		1. 9 A		
22	F	4	Maurice.		22. 8 M		15. 4 A	
23	G	5	Linus.	6. 6 M		29. 9 M	14. 14 P	
24	A	6	Paphnut.			28. 6 A	12. 9 M	
25	B	7	Cyprianus.	4. 11 A	20. 0 M	26. 2 M	11. 6 A	Sun Eclip. invifible.
26	C	1	Justina.			25. 0 A		
27	D	2	Spaladius.	3. 3 A	18. 8 A	23. 6 A	9. 5 M	
28	E	3	Privatus.	1. 10 A	17. 9 M			
29	F	4	St. Michael.		15. 1 A		7. 3 A	
30	G	5	Leopardus.	29. 3 M	14. 5 A	20. 4 M		

The Sun's daily Motion for his Period.

Table 1.	Table 2.	Table 3.	Table 4.
1735.	1736.	1737.	1738.
1739.	1740.	1741.	1742.

The Sun in Virgo.

D	M	D	M	D	M	D	M
19	9	19	53	19	39	19	23
20	8	20	52	20	37	20	22
21	6	21	50	21	36	21	20
22	5	22	49	22	35	22	19
23	3	23	48	23	34	23	18
24	2	24	47	24	32	24	16
25	1	25	45	25	30	25	15
25	59	26	44	26	29	26	14
26	58	27	43	27	28	27	12
27	57	28	42	28	27	28	11
28	56	29	42	29	25	29	10
29	55	Lib. 39	Lib. 24	Lib. 9			
Lib. 54	1	38	1	23	1	8	
1	53	2	37	2	23	2	7
2	51	3	36	3	22	3	6
3	50	4	35	4	21	4	5
4	50	5	34	5	20	5	4
5	49	6	33	6	19	6	3
6	48	7	32	7	18	7	2
7	47	8	32	8	17	8	1
8	46	9	31	9	16	9	0
9	45	10	30	10	15	10	0
10	45	11	29	11	14	10	59
11	44	12	29	12	14	11	58
12	43	13	28	13	13	12	57
13	42	14	27	14	13	13	57
14	42	15	27	15	12	14	56
15	41	16	26	16	12	15	56
16	41	17	26	17	11	16	55
17	40	18	25	18	11	17	54

SEPTEMBER.

		Day's Decrease.		Length of Day.		Length of Night.		Day Ends		Sun Sets		Sun Rises		Day Breaks		Sun's Place.	
		M	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	Lib.	Deg.
1	F	12	C	Guydo.	13	52	6	25	58	8	12	4	11	56	5	12	
2	G	13	D	Liquorice.	23	55	6	45	56	8	5	12	8	11	52	5	16
3	A	14	E	Holy-rood.	33	58	6	75	53	8	2	12	14	11	46	5	22
4	B	15	F	Nicodemes.	44	1	6	95	51	7	59	12	18	11	42	5	26
5	C	16	G	Euphemia.	54	3	6	125	48	7	57	12	24	11	36	5	32
6	D	17	A	Lampertus.	64	6	6	145	46	7	54	12	28	11	32	5	36
7	E	18	B	Firillus.	74	8	6	165	44	7	52	12	32	11	28	5	40
8	F	19	C	Dampart.	84	10	6	185	42	7	50	12	36	11	24	5	44
9	G	20	D	Alchurch.	94	13	6	205	40	7	47	12	40	11	20	5	48
10	A	21	E	St. Matthew.	104	15	6	225	38	7	45	12	42	11	16	5	52
11	B	22	F	Maurice.	114	18	6	255	35	7	42	12	50	11	10	5	58
12	C	23	G	Linus.	124	20	6	275	33	7	40	12	54	11	6		2
13	D	24	A	Paphnut.	134	22	6	295	31	7	38	12	58	11	2		6
14	E	25	B	Cyprianus.	144	25	6	315	28	7	35	13	2	10	56		12
15	F	26	C	Justina.	154	27	6	345	26	7	33	13	8	10	52		16
16	G	27	D	Spaladius.	164	29	6	365	24	7	31	13	12	10	48		20
17	A	28	E	Privatus.	174	31	6	395	21	7	28	13	18	10	42		26
18	B	29	F	St. Michael.	184	34	6	415	19	7	26	13	22	10	38		30
19	C	30	G	Leopardus.	194	36	6	435	17	7	24	13	26	10	34		34
20	D	Oct.	A	Remigius.	204	39	6	455	15	7	21	13	30	10	30		38
21	E	2	B	Elotherius.	214	41	6	485	12	7	19	13	36	10	24		44
22	F	3	C	Cavididus.	224	43	6	505	10	7	17	13	40	10	20		48
23	G	4	D	Franciscus.	234	45	6	525	8	7	15	13	44	10	18		50
24	A	5	E	Thrace.	244	47	6	545	6	7	13	13	48	10	12		56
25	B	6	F	Bruno.	254	49	6	565	4	7	11	13	52	10	8		0
26	C	7	G	Julia.	264	52	6	585	2	7	8	13	56	10	4		4
27	D	8	A	Nestor.	274	54	7	14	59	7	6	14	2	9	58		10
28	E	9	B	Dionicius.	284	56	7	34	57	7	4	14	6	9	54		14
29	F	10	C	Gereon.	294	58	7	54	55	7	2	14	10	9	50		18
30	G	11	D	K.G.H. Crow.	305	0	7	84	52	7	0	14	16	9	44		24

OCTOBER hath XXXI Days.

Month Days.	Week Day Number. Week Day Letter.	Saints and holy Days.	The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.	The Sun in Libra							
			First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.		Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.				
			Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.		D	M	D	M	D	M	D	M
1 A	6	Remigius.	28. 9 M	12. 1 A		6. 2 M	Moon Ecl. invisible.	18	40	19	25	19	10	18	54
2 B	7	Elutherius.	26. 11 M					19	39	20	25	20	10	19	54
3 C	1	Cavididus.		11. 10 M	18. 6 A	4. 4 M		20	39	21	24	21	9	20	53
4 D	2	Franciscus.	25. 9 M			3. 10 M		21	38	22	24	22	9	21	53
5 E	3	Thrace.		9. 8 M	17. 1 M	1. 9 A	Sun Eclip. invisible.	22	38	23	23	23	9	22	52
6 F	4	Bruno.	23. 6 A		15. 3 A		Sun Eclip. invisible.	23	38	24	23	24	8	23	52
7 G	5	Julia.		7. 10 M		29. 10 M		24	37	25	23	25	8	24	52
8 A	6	Nestor.	22. 2 M	6. 5 A	14. 7 M			25	37	26	23	26	8	25	51
9 B	7	Dionicius.	20. 1 M	4. 6 A	12. 5 A	28. 4 M		26	37	27	22	27	8	26	51
10 C	1	Gereon.	18. 10 M			26. 1 A	Moon Ecl. invisible.	27	37	28	22	28	8	27	51
11 D	2	K. G. II. Crow.		3. 4 M	11. 8 M			28	36	29	22	29	8	28	51
12 E	3	Margaret.	17. 3 M		9. 7 A	25. 2 M		29	36	Sco.	22	Sco.	8	29	51
13 F	4	Cruciger.		1. 4 A		23. 11 M		Sco.	36	1	22	1	8	Sco.	51
14 G	5	Calistus.	15. 4 A		7. 2 M	22. 7 A		1	36	2	22	2	8	1	51
15 A	6	Severus.		29. 2 A	6. 10 M		Sun Eclip.	2	36	3	22	3	8	2	51
16 B	7	Eliphius.	14. 11 M	28. 20 P		20. 3 A		3	36	4	22	4	8	3	51
17 C	1	Mamila.	12. 5 M	26. 4 A	4. 11 M			4	36	5	22	5	8	4	51
18 D	2	St. Luke E.	11. 7 M	25. 9 A		18. 9 M		5	36	6	22	6	8	5	51
19 E	3	Ptolomeus.	9. 11 M		3. 7 M			6	36	7	22	7	7	6	51
20 F	4	Fagius.		23. 8 M		17. 4 M		7	37	8	22	8	7	7	51
21 G	5	Ursula.	7. 3 M		1. 11 M	15. 16 P	Moon Eclip.	8	37	9	22	9	7	8	51
22 A	6	Prs. Anne Bo.		22. 2 M	29. 8 A	14. 24 F		9	37	10	23	10	7	9	52
23 B	7	Mich. Term B.	6. 1 M		28. 16 P	12. 8 A		10	37	11	23	11	7	10	52
24 C	1	Arete.		20. 7 A	26. 1 A			11	38	12	23	12	8	11	52
25 D	2	St. Crispian.	4. 4 A			11. 7 M		12	38	13	23	13	8	12	52
26 E	3	Evaristus.		18. 10 M	25. 2 M	9. 11 A	Sun Ecl. invisible.	13	38	14	24	14	9	13	53
27 F	4	Narciscus.	3. 4 M	17. 8 A				14	38	15	25	15	9	14	53
28 G	5	St. Sim. & Jud.	1. 5 M	15. 8 A	23. 0 A			15	39	16	25	16	9	15	53
29 A	6	Eadfine.	29. 11 M			7. 9 M		16	39	17	25	17	10	16	54
30 B	7	K. G. II. Bo.	28. 9 A	14. 3 M	22. 5 M			17	40	18	25	18	11	17	54
31 C	1	Bucer (1683).		12. 8 M	20. 9 A	6. 1 M		18	40	19	25	19	11	18	55

OCTOBER.

Eng. Month Day.	Eng. Week Day.	Rom. Month Day.	Rom. Week Day.	Roman Saints Days.	Sun's Place.	Sun's Rise.		Sun Sets.		Day Ends.		Length of Night.		Length of Day.		Days Decrease.	
						Day Breaks.		Sun Rises.		Sun Sets.		Length of Night.		Length of Day.		Days Decrease.	
					Scor.	Deg.	H	M	H	M	H	M	H	M	H	M	M
1	A	12	E	Margaret.	15	27	10	4	50	6	58	14	20	9	40	7	28
2	B	13	F	Cuciger.	25	47	12	4	48	6	56	14	24	9	36	7	32
3	C	14	G	Calistus.	35	67	14	4	46	6	54	14	28	9	32	7	36
4	D	15	A	Severus.	45	87	16	4	44	6	52	14	32	9	28	7	40
5	E	16	B	Eliphius.	55	107	18	4	42	6	40	14	36	9	24	7	44
6	F	17	C	Mamila.	65	127	21	4	39	6	48	14	42	9	18	7	50
7	G	18	D	St. Luke Ev.	75	137	23	4	37	6	48	14	46	9	14	7	54
8	A	19	E	Ptolomeus.	85	157	25	4	35	6	47	14	50	9	10	7	58
9	B	20	F	Fagius.	95	177	27	4	33	6	43	14	54	9	6		2
10	C	21	G	Ursula.	105	187	29	4	31	6	42	14	58	9	2		6
11	D	22	A	Prs. Anne Bo.	115	207	31	4	29	6	40	15	28		58	8	10
12	E	23	B	Mich. Term E.	125	227	33	4	27	6	38	15	68		54	8	14
13	F	24	C	Areta.	135	237	35	4	25	6	37	15	108		50	8	18
14	G	25	D	St. Crispian.	145	257	37	4	23	6	35	15	148		46	8	22
15	A	26	E	Evaristus.	155	277	39	4	21	6	33	15	188		42	8	26
16	B	27	F	Narciscus.	165	297	41	4	19	6	31	15	228		38	8	30
17	C	28	G	St. Sim. & Ju.	175	307	43	4	17	6	30	15	268		34	8	34
18	D	29	A	Eadfine.	185	327	45	4	15	6	28	15	308		30	8	38
19	E	30	B	K.G. II. Born	195	337	47	4	13	6	27	15	348		26	8	42
20	F	31	C	Bucer. (1683.	205	357	49	4	11	6	25	15	388		22	8	46
21	G	Nov.	D	All Saints.	215	377	51	4	9	6	23	15	428		18	8	50
22	A	2	E	All Souls.	225	387	53	4	7	6	22	15	468		14	8	54
23	B	3	F	Marjory.	235	407	55	4	5	6	10	15	508		10	8	58
24	C	4	G	K. Wil. Born.	245	417	56	4	4	6	19	15	528		8	0	0
25	D	5	A	Powder Plot.	255	437	58	4	2	6	17	15	568		4	9	4
26	E	6	B	Leonard.	265	458	0	4	0	6	15	16	08		0	9	8
27	F	7	C	Arculan.	275	468		23	58	6	14	16	47		56	9	12
28	G	8	D	Cludius.	285	478		43	56	6	13	16	87		52	9	16
29	A	9	E	Alexander.	295	488		63	54	6	12	16	127		48	9	20
30	B	10	F	Thiphon.	305	508		73	53	6	10	16	147		46	9	22
31	C	11	G	St. Martin Bif.													

NOVEMBER hath XXX Days.

Month Days.	Week Day Letter.	Week Day Number.	Saints and holy Days.	Eclipses of the Sun and Moon.				The Sun's daily Motion for his Period.											
				First Quarter.	Last Quarter.	NEW MOON.	FULL MOON.	Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.	The Sun in Scorpio.							
				Epact and Hour.	Epact and Hour.	Epact and Hour.	Epact and Hour.	D	M	D	M	D	M	D	M				
1 D	2		All Saints.	26. 9 M			4 11 M	Moon Ecl. invisible.	19	41	20	26	20	12	19	55			
2 E	3		All Souls.		11. 7 M	18. 6 M	3. 8 A		20	41	21	27	21	12	20	56			
3 F	4		Marjory.	25. 6 M		17. 0 A			21	42	22	27	22	13	21	57			
4 G	5		K. Will. Born.		9. 3 M		1. 1 A		22	42	23	28	23	13	22	57			
5 A	6		Powder Plot.	23. 4 M	7. 8 A	15. 7 M		Sun Ecl. invisible.	23	43	24	29	24	14	23	57			
6 B	7		Leonard.	22. 10 M			29. 2 M		24	43	25	29	25	15	24	58			
7 C	1		Herculan.	20. 0 A	6. 1 M	14. 1 M	28. 9 A	Sun Ecl. invisible.	25	44	26	30	26	15	25	58			
8 D	2		Claudius.		4. 5 M	12. 7 M	26. 9 A		26	45	27	31	27	16	26	59			
9 E	3		Alexander.	18. 1 M	3. 8 A	11. 9 A			27	45	28	31	28	17	28	0			
10 F	4		Triphon.	17. 6 A			25. 2 A		28	46	29	31	29	17	29	1			
11 G	5		St. Martin Bif.			9. 6 M	23. 8 A		29	47	Sag.	32	Sag.	18	Sag.	2			
12 A	6		Craft. Mart.		1. 1 A	7. 1 A		Sag.	48	1	34	1	19	1	3				
13 B	7		Eugenius.	15. 11 M			22. 6 M		1	48	2	34	2	20	2	4			
14 C	1		Philemon.	14. 14 P	29. 4 A	6. 0 M			2	49	3	35	3	20	3	5			
15 D	2		Fœlix.	12. 10 M	28. 9 A		20. 9 M		3	50	4	37	4	21	4	6			
16 E	3		Ruffinus.	11. 2 A	26. 0 M	4. 6 M		Sun. Ecl. invisible.	4	51	5	38	5	22	5	7			
17 F	4		Q. Eliz. Pro.	9. 7 A	25. 5 M		18. 4 M		5	52	6	38	6	23	6	7			
18 G	5		Q. Martin.			3. 1 M	17. 9 A	Sun Ecl. invisible.	6	53	7	39	7	24	7	8			
19 A	6		Julius.		23. 1 M	1. 10 A			7	53	8	40	8	25	8	9			
20 B	7		Agapaus.	7. 14 P			15. 18 P		8	54	9	42	9	26	9	10			
21 C	1		Oblat. Mary.	6. 10 A		29. 7 M	14. 10 A	Moon Eclips.	9	55	10	42	10	27	10	11			
22 D	2		Cecilia Virg.		22. 1 M	28. 2 A	12. 8 M		10	56	11	42	11	28	11	12			
23 E	3		Clem. P. M.		20. 0 A	26. 3 M	11. 11 A		11	57	12	43	12	29	12	13			
24 F	4		Hooper.	4. 6 M	18. 11 A	25. 7 A			12	58	13	45	13	30	13	14			
25 G	5		Quin. Mart.	3. 2 A			9. 5 A		13	59	14	45	14	31	14	15			
26 A	6		Conradus.	1. 2 A	17. 5 M				15	0	15	46	15	32	15	16			
27 B	7		Maxamus.	29. 11 A	15. 6 M	23. 6 M	7. 12 A	Sun Ecl. invisible.	16	1	16	47	16	33	16	17			
28 C	1		Mich. Term E.		14. 5 A	22. 9 A			17	2	17	47	17	34	17	18			
29 D	2		Saturnine.	28. 11 M			6. 3 A		18	3	18	50	18	35	18	19			
30 E	3		St. Andr. Ap.		12. 6 M	20. 8 M	4. 11 A		19	4	19	51	19	36	19	20			

NOVEMBER.

				Roman Saints Days.	Sun's Place.	Day Breaks.		Sun Rises.	Sun Sets.	Day Ends.	Length of Night.		Length of Day.		Day's Decrease.		
					Sag.	H	MH	MH	MH	MH	MH	MH	MH	M			
Eng. Month Day.	Eng. Week Day.	Rom. Month Day.	Rom. Week Day.		Deg.												
1	D	12	A	Craft. Mart.	15	51	8	93	51	6	9	16	18	7	42	9	26
2	E	13	B	Eugenius.	25	52	8	103	50	6	8	16	20	7	40	9	28
3	F	14	C	Philemon.	35	53	8	123	48	6	7	16	24	7	36	9	32
4	G	15	D	Felix.	45	54	8	143	46	6	6	16	28	7	32	9	36
5	A	16	E	Ruffinus.	55	55	8	153	45	6	5	16	30	7	30	9	38
6	B	17	F	2. Eliz. Pro.	65	56	8	163	44	6	4	16	32	7	28	9	40
7	C	18	G	Oct. Martin.	75	57	8	173	43	6	3	16	34	7	26	9	42
8	D	19	A	Julius.	85	58	8	183	42	6	2	16	36	7	24	9	44
9	E	20	B	Agapaus.	95	59	8	203	40	6	1	16	40	7	20	9	48
10	F	21	C	Oblat. Mary.	106	1	8	213	38	5	59	16	42	7	18	9	50
11	G	22	D	Cecilia Virg.	116	1	8	223	38	5	59	16	44	7	16	9	52
12	A	23	E	Clem. P. M.	126	1	8	233	37	5	59	16	46	7	14	9	54
13	B	24	F	Hooper.	136	2	8	243	36	5	58	16	48	7	12	9	56
14	C	25	G	Quin. Mart.	146	2	8	253	35	5	58	16	50	7	10	9	58
15	D	26	A	Conradus.	156	3	8	263	34	5	57	16	52	7	8	10	0
16	E	27	B	Maxamus.	166	3	8	273	33	5	57	16	54	7	6	10	2
17	F	28	C	Mich. Term E.	176	4	8	283	32	5	56	16	56	7	4	10	4
18	G	29	D	Saturnine.	186	5	8	293	31	5	55	16	58	7	2	10	6
19	A	30	E	St. And. Ap.	196	5	8	303	30	5	55	17	0	7	0	10	8
20	B	Dec.	F	Daniel B.	206	6	8	313	29	5	54	17	26	6	58	10	10
21	C	2	G	Bibiniana.	216	6	8	313	29	5	54	17	26	6	58	10	10
22	D	3	A	Lucius Rex.	226	6	8	313	29	5	54	17	26	6	58	10	10
23	E	4	B	Barb. V. M.	236	7	8	323	28	5	53	17	46	6	56	10	12
24	F	5	C	Saba.	246	7	8	323	28	5	53	17	46	6	56	10	12
25	G	6	D	Nicolaus.	256	7	8	323	28	5	53	17	46	6	56	10	12
26	A	7	E	Prs. Lucia Bo.	266	7	8	333	27	5	53	17	66	6	54	10	14
27	B	8	F	Concep. Mar.	276	7	8	333	27	5	53	17	66	6	54	10	14
28	C	9	G	Leocadia.	286	8	8	333	27	5	52	17	66	6	54	10	14
29	D	10	A	Malciad. M.	296	8	8	343	26	5	52	17	86	6	52	10	16
30	E	11	B	Damascus.	306	8	8	343	26	5	52	17	86	6	52	10	16

DECEMBER hath XXXI Days.

		The Sun's daily Motion for his Period.				Eclipses of the Sun and Moon.	
		Table 1. 1735. 1739.	Table 2. 1736. 1740.	Table 3. 1737. 1741.	Table 4. 1738. 1742.		
		The Sun in Sagittary.					
		D	M	D	M		D
Month Days.	Week Day Number. Week Day Letter.	Saints and holy Days.		First Quarter Epact and Hour.	Last Quarter. Epact and Hour.	NEW MOON. Epact and Hour.	FULL MOON. Epact and Hour.
1	F	4	Daniel B.	26.5 M		18.2 A	
2	G	5	Bibiniana.		11.3 M	17.12A	3.6 M
3	A	6	Lucius Rex.	25.1 M	9.8 A		
4	B	7	Barb. V. M.	23.2 A			1.3 M
5	C	1	Saba.	22.6 A	7.3 M	15.0 M	29.10A
6	D	2	Nicholaus.		6.8 M	14.7 A	
7	E	3	<i>Prs. Lucia Bo.</i>	20.0 M	4.7 A	12.11 A	28.7 A
8	F	4	Concep. Mar.	18.6 A			26.4 A
9	G	5	Leocadia.		3.3 A	11.9 M	
10	A	6	Malciad. M.	17.2 A		9.4 A	25.1 M
11	B	7	Damascus.				23.6 M
12	C	1	Sinecius.	15.16 P	1.9 M	7.1 M	22.8 A
13	D	2	Lucia Virg.	14.18 P	29.11A	6.4 A	
14	E	3	Nicasia.	12.6 A	28.18P		
15	F	4	Cranmer.	11.11A	26.8 M	4.11 A	20.3 M
16	G	5	Albina.		25.5 A		18.10A
17	A	6	Lazarus.	9.10 M		3.6 A	
18	B	7	Calvin.		23.10A		17.2 A
19	C	1	Nemthin. M.	7.9 A		1.9 M	15.9 M
20	D	2	Julius.		22.9 A	29.5 A	14.20 P
21	E	3	<i>St. Thom. Ap.</i>	6.7 A		28.12A	12.12A
22	F	4	Hildelid. Vir.			26.8 A	
23	G	5	Victoria.	4.6 A	20.1 M		11.5 A
24	A	6	Adam & Eve.	3.11 A	18.9 M	25.3 A	
25	B	7	<i>Christ Born.</i>		17.0 A		9.0 A
26	C	1	<i>St. Stephen.</i>	1.2 M	15.7 A	23.10A	
27	D	2	<i>St. John Ev.</i>	29.2 A			7.4 A
28	E	3	<i>St. Innocents.</i>		14.10M	22.9 M	
29	F	4	Tho. Canter.	28.10M		20.6 A	6.2 M
30	G	5	Sabinus.	25.2 M	12.3 M		4.10 M
31	A	6	Silvester P.	26.1 M	11.9 A	18.2 M	3.7 A

A perpetual TABLE, shewing by Inspection the Moon's Sign, for any Time past, present and to come, only by having the Epact for the Year.

January. October.	February. March. Novemb.	April	May	June	July	August	Septemb.	Decemb.
1 28	24	20	18	14	11	7 30	3	22
2 29	25	21	19	15	12	8	4	23
3 30	26	22	20	16	13	9	5	24
4 31	27	23	21	17	14	10	6	25
5	1 28	24	22	18	15	11	7	26
6	2 29	25	23	19	16	12	8	27
7	3 30	26	24	20	17	13	9	1 28
8	4 31	27	25	21	18	14	10	2 29
9	5	1 28	26	22	19	15	11	3 30
10	6	2 29	27	23	20	16	12	4 31
11	7	3 30	1 28	24	21	17	13	5
12	8	4	2 29	25	22	18	14	6
13	9	5	3 30	26	23	19	15	7
14	10	6	4 31	27	24	20	16	8
15	11	7	5	1 28	25	21	17	9
16	12	8	6	2 29	26	22	18	10
17	13	9	7	3 30	27	23	19	11
18	14	10	8	4	1 28	24	20	12
19	15	11	9	5	2 29	25	21	13
20	16	12	10	6	3 30	26	22	14
21	17	13	11	7	4 31	27	23	15
22	18	14	12	8	5	1 28	24	16
23	19	15	13	9	6	2 29	25	17
24	20	16	14	10	7	3 30	26	18
25	21	17	15	11	8	4 31	27	19
26	22	18	16	12	9	5	1 28	20
27	23	19	17	13	10	6	2 29	21

The E P A C T for the Year,

1.	3.	4.	6.	7.	9.	11.	12.	14.	15.	17.	18.	20.	22.	23.	25.	26.	28.	29.
Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.	Moon's Sign.
Aqu.	Pis.	Ari.	Ari.	Tau.	Tau.	Gem.	Gem.	Can.	Leo.	Vir.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Aqu.
Pis.	Ari.	Ari.	Tau.	Tau.	Gem.	Gem.	Can.	Leo.	Leo.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Cap.	Aqu.
Pis.	Ari.	Tau.	Tau.	Gem.	Gem.	Can.	Can.	Leo.	Vir.	Lib.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.	Aqu.	Pis.
Pis.	Ari.	Tau.	Gem.	Gem.	Can.	Can.	Leo.	Vir.	Vir.	Lib.	Scor.	Scor.	Sag.	Sag.	Cap.	Aqu.	Aqu.	Pis.
Ari.	Tau.	Tau.	Gem.	Can.	Can.	Leo.	Leo.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Aqu.	Aqu.	Pis.	Ari.
Ari.	Tau.	Gem.	Gem.	Can.	Leo.	Leo.	Vir.	Vir.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.	Aqu.	Pis.	Pis.	Ari.
Tau.	Gem.	Gem.	Can.	Can.	Leo.	Vir.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Aqu.	Pis.	Pis.	Ari.	Tau.
Tau.	Gem.	Can.	Can.	Leo.	Vir.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Cap.	Aqu.	Pis.	Ari.	Ari.	Tau.
Gem.	Gem.	Can.	Leo.	Leo.	Vir.	Lib.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.	Aqu.	Pis.	Pis.	Ari.	Tau.	Gem.
Gem.	Can.	Can.	Leo.	Vir.	Lib.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.	Aqu.	Aqu.	Pis.	Ari.	Tau.	Tau.	Gem.
Can.	Can.	Leo.	Leo.	Vir.	Lib.	Scor.	Scor.	Sag.	Sag.	Cap.	Aqu.	Aqu.	Pis.	Pis.	Ari.	Tau.	Gem.	Can.
Can.	Leo.	Leo.	Vir.	Vir.	Lib.	Scor.	Sag.	Sag.	Cap.	Cap.	Aqu.	Aqu.	Pis.	Ari.	Tau.	Tau.	Gem.	Can.
Leo.	Leo.	Vir.	Vir.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.	Aqu.	Pis.	Pis.	Pis.	Ari.	Tau.	Gem.	Can.	Leo.
Leo.	Vir.	Vir.	Lib.	Lib.	Scor.	Sag.	Cap.	Cap.	Aqu.	Aqu.	Pis.	Pis.	Ari.	Tau.	Gem.	Gem.	Can.	Leo.
Vir.	Vir.	Lib.	Lib.	Scor.	Sag.	Sag.	Cap.	Aqu.	Aqu.	Pis.	Pis.	Ari.	Ari.	Tau.	Gem.	Can.	Leo.	Leo.
Vir.	Lib.	Lib.	Lib.	Scor.	Sag.	Cap.	Cap.	Aqu.	Pis.	Pis.	Ari.	Ari.	Ari.	Tau.	Tau.	Gem.	Can.	Leo.
Lib.	L b.	Scor.	Scor.	Scor.	Sag.	Cap.	Aqu.	Pis.	Pis.	Ari.	Ari.	Ari.	Tau.	Gem.	Can.	Can.	Vir.	Vir.
Lib.	Scor.	Scor.	Scor.	Sag.	Cap.	Aqu.	Aqu.	Pis.	Ari.	Ari.	Tau.	Tau.	Gem.	Gem.	Can.	Leo.	Vir.	Lib.
Lib.	Scor.	Sag.	Sag.	Sag.	Cap.	Aqu.	Pis.	Pis.	Ari.	Tau.	Tau.	Tau.	Gem.	Can.	Leo.	Leo.	Lib.	Lib.
Scor.	Sag.	Sag.	Sag.	Cap.	Aqu.	Pis.	Pis.	Ari.	Tau.	Tau.	Gem.	Gem.	Gem.	Can.	Leo.	Vir.	Lib.	Scor.
Scor.	Sag.	Cap.	Cap.	Cap.	Aqu.	Pis.	Pis.	Ari.	Tau.	Gem.	Gem.	Gem.	Can.	Leo.	Leo.	Vir.	Lib.	Scor.
Sag.	Sag.	Cap.	Cap.	Aqu.	Aqu.	Pis.	Ari.	Tau.	Tau.	Gem.	Can.	Can.	Can.	Leo.	Vir.	Vir.	Scor.	Scor.
Sag.	Cap.	Cap.	Aqu.	Aqu.	Pis.	Ari.	Ari.	Tau.	Gem.	Can.	Can.	Can.	Leo.	Vir.	Vir.	Lib.	Scor.	Sag.
Sag.	Cap.	Aqu.	Aqu.	Pis.	Pis.	Ari.	Tau.	Tau.	Gem.	Can.	Leo.	Leo.	Leo.	Vir.	Lib.	Lib.	Sag.	Sag.
Cap.	Aqu.	Aqu.	Pis.	Pis.	Ari.	Tau.	Tau.	Gem.	Can.	Can.	Leo.	Leo.	Vir.	Lib.	Lib.	Scor.	Sag.	Cap.
Cap.	Aqu.	Pis.	Pis.	Ari.	Ari.	Tau.	Tau.	Gem.	Can.	Leo.	Vir.	Vir.	Vir.	Lib.	Scor.	Scor.	Sag.	Cap.
Aqu.	Pis.	Pis.	Ari.	Ari.	Tau.	Tau.	Gem.	Can.	Can.	Leo.	Vir.	Vir.	Lib.	Scor.	Scor.	Sag.	Cap.	Cap.

Blind the Children's Faces
 Choice, Faint and Me-
 taphors with Pills and
 Bait for Hot Diseases.

Large, Shaking, Cold
 by Regimen.

Thinner and
 Poor.

Pills.

A TABLE, shewing by the Moon's Sign what Parts of the Body are governed, with the Humours which are then predominant; As also a proper Time to Bleed, Purge, &c.

<i>Moon's Sign.</i>	<i>Parts Governed.</i>	<i>Humours predominant.</i>	<i>Elections for Bleeding, &c.</i>
<i>Aries.</i>	Head and Knees.	Yellow Choler and Saltish Flegm.	Bleed the Phlegmatick, Vomit, Clyster, Sweat, Bathe for Cold Diseases, Take Gargarisms.
<i>Taurus.</i>	Throat and Legs.	Thick Melancholy and Saltish Flegm.	Bleed the Sanguine, Vomit, Stop Rheums or Fluxes.
<i>Gemini.</i>	Shoulders, Arms, Thighs and Feet.	Sweet Flegm, or Blood and Flegm mix'd.	Prepare Humours, and Sweat.
<i>Cancer.</i>	Head, Breast and Stomach.	Raw Glassy Flegm.	Bleed the Cholerick, Bathe, Purge Choler, Flegm and Melancholy by Electuaries.
<i>Leo.</i>	Throat, Stomach and Heart.	Salt Flegm and Thick Yellow Choler.	Purge the Head by Sneezing, Bathe for Cold Diseases, and Sweat.
<i>Virgo.</i>	Arms, Shoulders and Bowels.	Melancholy and Salt Flegm.	Bleed the Sanguine, Purge the Head by Sneezing, Stop Rheums or Fluxes.
<i>Libra.</i>	Breast, Heart, Belly and Reins.	Thick Blood and Salt Flegm.	Bleed the Melancholy, Sweat, Clyster, Purge Urine, and prepare Humours.
<i>Scorpio.</i>	Stomach, Heart and Secrets.	Tough, Stinking, Rotten Flegm.	Bleed the Cholerick, Clyster, Bathe, Purge Choler, Flegm and Melancholy by Potions.
<i>Sagittary.</i>	Bowels, Back and Thighs.	Thick Red Choler and Salt Flegm.	Bleed the Flegmatick, Bathe for Cold Diseases, and Sweat.
<i>Capricorn.</i>	Reins, Thighs and Knees.	Sharp Melancholy and Salt Flegm.	Bleed the Sanguine, Vomit, Stop Rheums or Fluxes.
<i>Aquary.</i>	Secrets, Legs, and Ankles.	Sweet Flegm, and Blood.	Bleed the Melancholy, Prepare Humours and Sweat.
<i>Pisces.</i>	Thighs and Feet.	Tough, Stinking, Glassy Flegm.	Bleed the Cholerick, Purge Choler, Flegm and Melancholy with Pills, and Bathe for Hot Diseases.

The Doctor cannot always cure the Ill;
The Sickneſs ſometimes is beyond his Skill.

Several excellent Rules to be diligently observed in Husbandry, according to the Position of the Moon in the Signs. Which Rules have been in very great Esteem amongst the Antients, and consequently very useful to be observed by us in such Affairs.

SOW Grain or Corn, the Moon increasing in *Aries*, *Libra*, *Cancer* or *Capricorn*. If your Seed be of a moist Nature, or Land moist, then sow, the Moon in *Aries*, *Virgo* or *Capricorn*, decreasing in Light. If the Land and Seed be dry, let the Moon be in *Cancer* or *Pisces*. If your Land and Seed be of a middle Condition, sow when the Moon is in *Libra*.

For Planting, let the Moon be in *Taurus*, *Leo*, *Scorpio* or *Aquarius*. For Planting Trees, let the Moon be in *Virgo* or *Capricorn*. Graft or prune Trees, when the Moon is in *Aquarius* decreasing.

Cut down Timber for Building, the Moon in *Taurus*, *Virgo* or *Capricorn*, decreasing, from *November* till *January*. Plash Hedges, and fell Wood for Fuel (that the Stock may the better grow again) the Moon in *Aries* or *Libra*, increasing. Cut Vines, and remove Trees, when the Moon is in *Aries*, *Taurus* or *Libra*, from *November* till *February*. And in all these foregoing Months dung Land, to prevent the growing of Weeds.

Dig Gardens, Plant Herbs, and set up Hop-poles, the Moon in *Aquarius* or *Libra*. Gather Apples and other Fruits, Herbs and Flowers, to have them large and fair, the Moon increasing: Dry them in a dry Season.

Shear Sheep, and cut Grass for Hay, the Moon increasing, and it will grow the faster again.

Kill fat Swine near the full Moon, and the Fat shall hold Boiling longer and better than if they were killed at other Times.

Geld Cattle, the Moon decreasing, and in any Sign except *Scorpio*.

Set Beans and Pease at the New Moon, and they will bloom and knit the better.

Plant Trees, when the Moon is in *Gemini*, *Libra* or *Aquarius*, and they will grow fast up: And, if you plant them when the Moon is in *Taurus*, *Virgo* or *Capricorn*, they will root deep in the Earth.

For ev'ry Thing there is a Time;

And Season under Heaven;

So by the Moon, in every Sign,

The Times above are given.

A perpetual revolutionary TABLE, shewing the Moon's Age, and Day of Full and New Moon, for any Time past, present and to come, only by having the Epact for the Year desired.

January.	March.	Feb. April.	May.	June.	July.	August.	Sept. Oct.	Nov. Dec.
1	31	30	29	28	27	26	25	23
2	1	31	30	29	28	27	26	24
3	2	1	30	29	28	27	25	24
4	3	2	31	30	29	28	26	25
5	4	3	1	30	29	28	27	26
6	5	4	2	31	30	29	28	27
7	6	5	3	1	31	30	29	28
8	7	6	4	2	3	2	30	29
9	8	7	5	3	4	3	31	30
10	9	8	6	4	5	4	1	31
11	10	9	7	5	6	5	2	1
12	11	10	8	6	7	6	3	2
13	12	11	9	7	8	7	4	3
14	13	12	10	8	9	8	5	4
15	14	13	11	9	10	9	6	5
16	15	14	12	10	11	10	7	6
17	16	15	13	11	12	11	8	7
18	17	16	14	12	13	12	9	8
19	18	17	15	13	14	13	10	9
20	19	18	16	14	15	14	11	10
21	20	19	17	15	16	15	12	11
22	21	20	18	16	17	16	13	12
23	22	21	19	17	18	17	14	13
24	23	22	20	18	19	18	15	14
25	24	23	21	19	20	19	16	15
26	25	24	22	20	21	20	17	16
27	26	25	23	21	22	21	18	17
28	27	26	24	22	23	22	19	18
29	28	27	25	23	24	23	20	19
30	29	28	26	24	25	24	21	20
			27	26	25	24	22	21

*Pale Cynthia's Silver Horns, which from the Sun
Doth us illuminate when he's gone down,
And radiates the dismal Shade of Night,
Until that she oppose the Solar Light;
And then her borrow'd Light she doth repay
To Sol, the Ruler of the glorious Day.*

[illegible]

A TABLE, shewing by Inspection the Moon's Rising, South-
ing and Setting, for ever.

[illegible]

A general, universal, perpetual Tide TABLE, shewing the Times of High Water both before and after Noon.

The Moon's Age from New to Full.	Rye, Gorend, Thames-mouth, Liverpool, Chelsea, Fair Isle, Rhodes, Calais, and Calshot.		Quinsburgh, Southamp-ton, Portf-mouth, The Spits, Isle of Wight, Dun-kirk, Beachy, Kentish-knock, Canadado, Dover-pier, and Coast of Flanders.		Gravesend, Downs, Rumney, Blackness, Scillybass Tide, Tenit, Ramkins, Senibead, North Cape, Before Colquit, Between Calais and Dover.		LONDON, Tinnmouth, Heartlypool, Amsterdam, Whitby, Gray, Bri-taign, Gas-coign, Galicia, Dort, West of Ire-land, Rotter-dam, Leith, and in Robin Hood's Bay.		Newcastle, Humber, Fal-mouth, Dart-mouth, Guernsey, The Lizard, Torbay, Foy, Severn-mouth, and at St. Ma-lo's.		Plymouth, Weymouth, Hull, Lynn, Antwerp, St. Davids, Holms of Bristol, Lon-day, Salcolm, Waterford, St. Pauls, and without Ushante		Bristol, Fowlness at the Start, Al-borrow, Lime, La-mon, Before St. Nicholas, Sedmouth in the Chanel, Between Foy and Fal-mouth.	
	High Water.		High Water.		High Water.		High Water.		High Water.		High Water.		High Water.	
	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.
1 16	10 54	11 18	11 42	0 6	1 12	1 36	2 42	3 6	4 57	5 21	5 42	6 6	6 27	6 51
2 17	11 42	0 6	0 30	1 54	2 0	2 24	3 30	3 54	5 45	6 9	6 30	6 54	7 15	7 39
3 18	0 30	0 54	1 18	1 42	2 48	3 12	4 18	4 42	6 33	7 57	7 18	7 42	8 3	8 27
4 19	1 18	1 42	2 6	2 30	3 36	4 0	5 6	5 30	7 21	7 45	8 6	8 30	8 51	9 15
5 20	2 6	2 30	2 54	3 18	4 24	4 48	5 54	6 18	8 9	8 33	8 54	9 18	9 39	10 3
6 21	2 54	3 18	3 42	4 6	5 12	5 36	6 42	7 6	8 57	9 21	9 42	10 6	10 27	10 51
7 22	3 42	4 6	4 30	4 54	6 0	6 24	7 30	7 54	9 45	10 9	10 30	10 54	11 15	11 39
8 23	4 30	4 54	5 18	5 42	6 48	7 12	8 18	8 42	10 33	11 57	11 18	11 42	0 3	0 27
9 24	5 18	5 42	6 6	6 30	7 36	8 0	9 6	9 30	11 21	11 45	0 6	0 30	0 51	1 15
10 25	6 6	6 30	6 54	7 18	8 24	8 48	9 54	10 18	0 9	0 33	0 54	1 18	1 39	2 3
11 26	6 54	7 18	7 42	8 6	9 12	9 36	10 42	11 6	0 57	1 21	1 42	2 6	2 27	2 51
12 27	7 42	8 6	8 30	8 54	10 0	10 24	11 30	11 54	1 45	2 9	2 30	2 54	3 15	3 39
13 28	8 30	8 54	9 18	9 42	10 48	11 12	0 18	0 42	2 33	3 57	3 18	3 42	4 3	4 27
14 29	9 18	9 42	10 6	10 30	11 36	0 0	1 6	1 30	3 21	3 45	4 6	4 30	4 51	5 15
○●	10 6	10 30	10 54	11 18	0 24	0 48	1 54	2 18	4 9	4 33	4 54	5 18	5 39	6 3

Upon the Tides.

*The Sea bath Fits much like this giddy Age,
Sometimes she pines, again she swells with Rage,
And makes a Rupture where she overflows
The fertile Banks, yet never further goes
(Without a Miracle) than Nature's Bounds :
Or, if we think she does, 'tis when some Towns*

Q

Incroach

The Residue of the Tide TABLE continued.

The Moon's Age from New to Full.	Tarmouth, Dover, Harwich, Calais-road, St. John de Luce, Bullton in the Firth, Cowes, Caen, Bulleon, Dublin, St. Helens, Picardy, and Coast of Normandy.		Needles, Orford, Laystoft, South Foreland, Deep, Lux, Lemou, Cask, St. Helen, Isle of Man.		Dundee, St. Andrews, Lisbon, St. Lucas, Bell-Isle.		Milford, Bridgewater, St. Texel, Waterford, Landfend, Cape-clear, Abermorick, Ex-water, North Coast.		Berwick, O. stend, Flushing, Bourdeaux, Bridlington-bay, Font, Scarborough, Flambarrow, Foulness.		Hague, Harflew, Port-land, Peter-port, Lam-bay, Macnells, St. Magnes Sound.		Aberdeen, Rochester, Malden, Black-tail, Red-ban, West-end of the Nore.	
	High Water		High Water		High Water		High Water		High Water		High Water		High Water	
	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.	Morn.	After.
1 16	10 12	10 36	10 9	10 33	2 39	3 3	7 54	8 18	4 9	4 33	8 39	9 3	1 9	1 33
2 17	11 0	11 24	10 57	11 21	3 27	3 51	8 43	9 6	4 57	5 21	9 27	9 51	1 57	2 21
3 18	11 48	0 12	11 45	0 9	4 15	4 39	9 39	9 54	5 45	6 9	10 15	10 39	2 45	3 9
4 19	0 36	1 0	0 33	0 57	5 3	5 27	10 18	10 43	6 33	6 57	11 3	11 27	3 33	3 57
5 20	1 24	1 48	1 21	1 45	5 51	6 15	11 6	11 39	7 21	7 45	11 51	0 15	4 21	4 45
6 21	2 12	2 36	2 9	2 33	6 39	7 3	11 54	0 18	8 9	8 33	0 39	1 3	5 9	5 33
7 22	3 0	3 24	2 57	3 21	7 27	7 51	0 43	1 6	8 57	9 21	1 27	1 51	5 57	6 21
8 23	3 48	4 12	3 45	4 9	8 15	8 39	1 39	1 54	9 45	10 9	2 15	2 39	6 45	7 9
9 24	4 36	5 0	4 33	4 57	9 3	9 27	2 18	2 43	10 33	10 57	3 3	3 27	7 33	7 57
10 25	5 24	5 48	5 21	5 45	9 51	10 15	3 6	3 39	11 21	11 45	3 51	4 15	8 21	8 45
11 26	6 12	6 36	6 9	6 33	10 39	11 3	3 54	4 18	0 9	0 33	4 39	5 3	9 9	9 33
12 27	7 0	7 24	6 57	7 21	11 27	11 51	4 43	5 6	0 57	1 21	5 27	5 51	9 57	10 21
13 28	7 48	8 12	7 45	8 9	0 15	0 39	5 39	5 54	1 45	2 9	6 15	6 39	10 45	11 9
14 29	8 36	9 0	8 33	8 57	1 3	1 27	6 18	6 43	2 33	2 57	7 3	7 27	11 33	11 57
15 30	9 24	9 48	9 21	9 45	1 51	2 15	7 6	7 39	3 21	3 45	7 51	8 15	0 21	0 45

Incroach upon her Int'rest; for still she
 Is full as constant, far more just than we.
 GOD spread the Seas, whom first he did command
 To swell with Winds, and compass round the Land:
 To these he adds Springs, Ponds, and Lakes immense,
 And Rivers, which their winding Borders fence;
 Of these not few Earth's thirsty Faws devour,
 The rest their Streams into the Ocean pour,
 When in their liquid Plains, with freer Wave
 In foamy Cliffs, instead of Banks they lave.

The Rising, Southing and Setting of the fixed Stars, &c.

Month and Day.	Pleiades, or 7 Stars.			The Bull's Eye.			Orion's Girdle, or Pe- ter's Tard-wand.			Little Dog-Star.		
	Second Magnitude, 61 Degrees Altitude, Longitude, <i>Taurus</i> 26 Degrees, Nature of the Moon and <i>Mer- cury</i> , Colour is well known.			First Magnitude, 53 Degrees Altitude, Longitude, <i>Gemini</i> 6 Degrees, Nature of <i>Mars</i> , Colour Red.			First Magnitude, 29 Degrees Altitude, Longitude, <i>Gemini</i> 19 Degrees 38 Minutes, Nature of <i>Saturn</i> and <i>Jupiter</i> , their Colour is well known.			Second Magnitude, 43 Degrees Altitude, Longitude, <i>Cancer</i> 22 Degrees, Nature of <i>Mars</i> , Colour Red.		
	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.
Jan. 1	11M39	7 A 56	4 M 13	1 A 13	8 A 44	4 M 13	4 A 10	9 A 27	3 M 39	5 A 12	11 A 49	6 M 20
11	10 56	7 13	3 30	0 33	8 40	3 33	3 30	8 47	2 29	4 32	11 9	5 40
21	10 15	6 32	2 49	11M53	8 0	2 43	2 50	8 7	2 19	3 52	10 29	5 0
Feb. 1	9 31	5 48	2 5	11 5	6 36	2 5	2 4	7 39	1 30	3 4	9 41	4 12
11	8 52	5 9	1 26	10 25	5 16	1 25	1 24	6 59	0 50	2 24	9 1	3 32
21	8 13	4 32	0 49	9 45	4 36	0 45	0 44	6 19	0 10	1 44	8 21	2 52
March. 1	7 45	4 2	0 19	9 19	4 50	0 19	11M58	5 53	11 A 44	1 18	7 55	2 26
11	7 7	3 24	11 A 41	8 39	4 10	11 A 39	11 18	5 13	11 4	0 8	7 15	1 46
21	6 31	2 48	11 5	7 59	3 30	10 59	10 38	4 33	10 24	11M58	6 35	0 6
April. 1	5 51	2 8	10 25	7 25	2 56	10 25	10 4	3 59	9 50	11 24	6 0	11 A 52
11	5 14	1 31	9 48	6 45	2 16	9 45	9 24	3 19	9 10	11 44	5 45	11 12
21	4 37	0 34	9 11	6 5	1 36	9 5	8 44	2 39	8 30	10 4	5 5	10 32
May. 1	3 58	0 15	8 32	5 32	1 3	8 32	8 11	2 6	7 57	10 31	4 25	10 29
11	3 18	11M35	7 52	4 52	0 23	7 52	7 31	1 26	7 17	9 51	4 8	9 59
21	2 38	10 55	7 12	4 12	11M43	7 12	6 51	0 46	6 37	8 11	3 29	9 19
June. 1	1 54	10 11	6 28	3 28	10 59	6 28	6 7	0 2	5 53	8 27	2 48	8 35
11	1 12	9 29	5 46	2 48	10 19	5 48	5 27	11M22	5 13	7 47	2 4	7 55
21	0 30	8 47	5 4	2 8	9 39	5 8	4 47	10 42	4 33	6 7	1 24	7 19
July. 1	11 A 49	8 6	4 22	1 23	8 54	4 23	4 2	9 57	3 48	6 22	0 44	6 30
11	11 9	7 26	3 44	0 43	8 14	3 43	3 22	9 17	3 8	5 42	12M59	5 50
21	10 30	6 47	3 8	0 3	7 34	3 3	2 42	8 37	2 28	4 2	11 19	5 10
Aug. 1	9 48	6 5	2 28	11 A 22	6 53	2 22	2 1	7 56	1 47	4 21	10 38	4 29
11	9 10	5 27	1 52	10 42	6 13	1 42	1 21	7 16	1 7	3 41	9 58	3 49
21	8 34	4 51	2 14	10 2	5 33	1 2	0 41	6 36	0 27	2 1	8 18	3 9
Sept. 1	7 54	4 11	0 28	9 28	4 59	0 28	0 7	6 2	11M50	2 27	8 38	2 35
11	7 18	3 35	11M52	8 48	4 19	11M48	11 A 27	5 22	11 13	1 47	7 4	1 55
21	6 40	2 57	11 14	8 8	3 39	11 8	10 47	4 42	11 0	0 7	6 24	1 15
Oct. 1	6 4	2 21	10 38	7 38	3 9	10 38	10 17	4 12	10 3	11 A 40	6 0	0 45
11	5 26	1 43	10 0	6 58	2 29	9 58	9 37	3 32	9 23	11 20	5 40	11 M 5
21	4 48	1 5	9 22	6 18	1 49	9 18	8 57	2 52	8 43	10 50	5 10	11 25
Nov. 1	4 4	0 21	8 38	5 38	1 9	8 38	8 17	2 12	8 8	9 20	4 16	10 45
11	3 23	11 A 40	7 57	4 58	0 29	7 58	7 37	2 32	7 28	9 0	4 36	9 5
21	2 40	10 57	7 14	4 18	11 A 49	7 18	6 57	1 52	6 48	8 30	3 56	9 25
Dec. 1	1 56	10 13	6 30	3 30	11 1	6 30	6 9	0 4	5 55	8 8	2 6	8 37
11	1 12	9 29	5 46	2 50	10 21	5 50	5 29	11 A 24	5 15	7 48	1 26	7 57
21	0 28	8 48	5 2	2 10	9 41	5 10	4 49	10 44	4 35	6 38	0 46	7 17

The Rising, Southing and Setting of the fixed Stars, &c.

Month and Day.	Great Dog-Star.			Lion's Heart.			Hidra's Heart.			Arcturus.		
	First Magnitude, 21 Degrees Altitude, Longitude, Cancer 10 Degrees 19 Minutes. Nature of Mars and Ve- nus, Colour is Sky-co- lour mixed with Red			First Magnitude, 51 Degrees Altitude, Longitude, Leo 26 De- grees, Nature of Jupi- ter and Mars, Colour, a Mixture of Red and Green.			First Magnitude, 30 Degrees Altitude, Longitude, Leo 23 De- grees 28 Minutes, Na- ture of Saturn and Ve- nus, Colour is of a sad Sky-colour.			First Magnitude, 58 Degrees Altitude, Longitude, Libra 20 Degrees 24 Minutes, Nature of Jupiter and Mars, Colour is Red mixed with Green.		
	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.
Jan.	1 6 A 30	10 A 57	5 M 1	7 A 5	2 M 17	9 M 29	8 A 18	1 M 37	6 M 57	10 A 26	6 M 26	2 A 25
	11 5 40	10 17	4 21	6 25	1 37	8 49	7 38	0 57	6 17	9 46	5 46	1 45
	21 5 10	9 37	3 41	5 45	0 57	8 9	6 58	0 17	5 37	9 6	5 6	1 5
Feb.	1 4 22	8 49	3 14	4 57	0 9	7 21	6 10	11 A 29	4 49	8 18	4 18	0 17
	11 3 42	8 9	2 34	4 17	11 A 29	6 44	5 30	10 49	4 9	7 38	3 38	11 M 37
	21 3 2	7 29	1 54	3 37	10 49	6 1	4 50	10 9	3 29	6 58	2 58	10 57
March.	1 2 36	7 3	1 7	3 11	10 23	5 35	4 24	9 43	3 3	6 32	2 32	10 31
	11 1 56	6 23	0 27	2 31	9 43	4 55	3 44	9 3	2 23	5 52	1 52	9 51
	21 1 16	5 43	11 A 47	1 51	9 3	4 15	3 4	8 23	1 43	5 12	1 12	9 10
April.	1 0 42	5 9	11 13	1 17	8 29	3 41	2 30	7 49	1 9	4 38	0 38	8 47
	11 0 2	4 29	10 33	0 37	7 49	3 1	1 50	7 9	0 29	3 58	11 A 58	8 7
	21 11 M 22	3 49	9 53	11 M 57	7 9	2 21	1 10	6 29	11 A 49	3 18	11 18	7 27
May.	1 10 49	3 18	9 20	11 24	6 36	1 48	0 37	5 56	11 16	2 45	10 45	6 44
	11 10 9	2 36	8 40	10 44	5 56	1 8	11 M 57	5 16	10 36	2 5	10 5	6 4
	21 9 29	1 56	8 10	10 4	5 16	0 28	11 17	4 36	9 56	1 25	9 25	5 24
June.	1 8 45	1 12	7 16	9 20	4 32	11 A 44	10 33	3 52	9 12	0 38	8 41	4 40
	11 8 5	0 32	6 36	8 40	3 52	11 4	9 53	3 12	8 32	11 M 58	8 1	4 0
	21 7 25	11 M 52	5 56	8 0	3 12	10 24	9 9	2 32	7 52	11 18	7 21	3 20
July.	1 6 40	11 7	5 11	7 15	2 27	9 59	8 28	1 47	7 7	10 36	6 36	2 35
	11 6 0	10 27	4 31	6 35	1 47	9 19	7 48	1 7	6 27	9 56	5 56	1 55
	21 5 20	9 47	4 51	5 55	1 7	8 39	7 8	0 27	5 4	9 16	5 16	1 15
Aug.	1 4 39	9 6	3 10	5 14	0 26	7 48	6 27	11 M 46	5 4	8 35	4 35	0 34
	11 3 59	8 26	2 30	4 34	11 M 46	7 8	5 47	11 6	4 24	7 55	3 55	11 A 54
	21 3 19	7 46	1 50	3 54	11 6	6 28	5 7	10 26	3 44	7 15	3 15	11 14
Sept.	1 2 45	7 12	1 16	3 20	10 32	5 44	4 33	9 52	3 12	9 41	2 41	10 40
	11 2 5	6 32	0 36	2 40	9 54	5 4	3 53	9 12	2 32	5 31	2 1	10 0
	21 1 25	5 52	11 M 50	2 0	9 12	4 24	3 13	8 32	1 52	5 1	1 21	9 20
Oct.	1 0 55	5 22	11 26	1 20	8 42	3 54	2 43	8 2	1 22	4 48	0 51	8 50
	11 0 15	4 32	10 46	0 40	8 2	3 14	1 23	7 22	0 42	3 28	0 11	8 10
	21 11 A 35	3 52	10 6	0 0	7 22	2 34	1 3	6 42	0 2	3 8	11 M 31	7 30
Nov.	1 10 55	3 22	9 26	11 A 30	6 42	1 54	0 43	6 6	11 M 22	2 51	10 51	6 50
	11 10 15	2 42	8 46	10 50	6 2	1 14	0 3	5 26	10 42	1 41	10 11	6 10
	21 9 35	2 2	8 6	10 10	5 22	0 34	11 A 33	4 46	10 2	1 31	9 31	5 30
Dec.	1 8 47	1 14	7 18	9 22	4 34	11 M 46	10 35	3 54	9 14	0 43	8 43	4 42
	11 8 3	0 30	6 34	8 42	3 54	11 6	9 55	3 14	8 34	0 3	8 3	4 2
	21 7 19	11 A 49	5 50	8 2	3 14	10 26	9 15	2 34	7 54	11 A 23	7 23	3 22

The Rising, Southing and Setting of the fixed Stars, &c.

Month and Day.	Virgin's Spike.			Scorpion's Heart.			Bright Vulture.			Andromida's Head.		
	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.	Rise.	South.	Sett.
Jan.	10 M 25	5 M 34	10 M 49	5 M 15	8 M 35	11 M 55	5 M 17	11 M 59	6 A 46	7 M 22	6 A 15	1 M 15
11	11 A 35	5 54	10 9	4 35	7 55	11 13	4 37	10 19	6 6	6 42	5 35	0 35
21	10 55	4 14	9 29	3 55	6 15	10 35	3 57	10 35	5 26	6 2	4 55	11 A 55
Feb.	1 10 17	3 26	8 41	3 7 6	27 9 47	3 9 9	51 4 38	5 14 4	7 11 5			
11	9 37	3 46	8 1	2 27 5	47 9 7	2 29 9	10 3 58	4 34 3	27 10 25			
21	8 57	2 6	7 21	1 47 5	7 8 27	1 49 8	30 2 18	3 54 2	47 9 45			
March.	1 8 31	1 40	6 55	1 21 4	40 8 1	1 23 8	5 2 52	3 28 2	21 9 19			
11	7 51	1 0	6 13	0 41 4	0 7 21	0 43 7	25 2 12	2 48 1	41 8 39			
21	7 11	0 20	5 35	0 1 3	20 6 41	0 13 6	51 1 38	2 8 1	7 59			
April.	1 6 37	11 A 46	5 1	11 A 27	2 47 6	7 11 A 29	6 11 0	58 1 34	0 27 7	25		
11	5 57	11 6	4 21	10 47 2	7 5 27	10 49 5	31 0 18	0 54 11	M 47 6	45		
21	5 17	10 26	3 41	10 7 1	27 4 47	10 9 4	51 11 M 38	0 14 11	7 6 5			
May.	1 4 44	9 53	3 8	9 34 0	54 4 14	9 36 4	18 11 5	11 A 41	10 34 5	32		
11	4 4	9 13	2 28	8 54 0	14 3 34	8 56 3	38 10 25	11 1 9	54 4 52			
21	3 24	8 33	1 48	7 14 11	A 34 2	54 8 16	2 58 9	45 10 21	9 14 4	12		
June.	1 2 40	7 49	1 4	7 30 10	50 2 10	7 32 2	14 9 1	9 37 8	30 3 28			
11	2 0	7 9	0 24	6 50 10	10 1 30	6 52 1	34 8 21	8 57 7	50 2 48			
21	1 20	6 29	11 A 44	6 10 9	30 0 50	6 12 0	54 7 41	8 17 7	10 2 8			
July.	1 0 35	5 44	10 59	5 25 8	45 0 5	5 27 0	9 6 56	7 32 6	25 1 23			
11	11 M 55	3 51	10 19	4 45 8	5 11 A 25	4 47 11 A 29	6 16 6	52 5 45	0 43			
21	11 15	4 24	9 39	4 5 7	25 10 45	4 7 10	49 5 36	6 12 5	15 0 3			
Aug.	1 10 34	3 43	8 58	3 24 6	44 10 4	3 26 10	8 4 55	5 31 4	24 11 M 22			
11	9 54	3 3	8 18	2 44 6	4 9 24	2 46 9	28 4 15	4 51 3	44 10 42			
21	9 14	2 23	7 38	2 4 5	24 8 44	2 6 8	48 3 35	4 11 3	4 10 2			
Sept.	1 8 40	1 49	7 4	1 30 4	50 8 10	1 32 8	14 3 1	3 37 2	30 9 28			
11	8 0	1 9	6 24	0 50 4	10 7 30	0 52 7	34 2 21	3 57 1	50 8 48			
21	7 20	0 29	5 44	0 10 3	30 6 50	0 12 6	54 1 41	2 17 1	10 8 8			
Oct.	1 6 50	11 M 59	5 14	11 M 40	3 0 6	20 11 M 42	6 24 1	11 1 47	0 30 7	38		
11	6 10	11 19	4 34	10 0 2	20 5 40	11 2 5	44 0 31	1 7 11	A 56 6	58		
21	5 30	10 39	3 54	10 20 1	40 5 0	10 22 5	4 11 A 51	0 27 11	10 6 38			
Nov.	1 4 50	9 59	3 14	9 40 1	0 4 20	9 42 4	24 11 11	11 M 47	10 40 5	19		
11	4 10	9 19	2 34	8 0 0	20 3 40	9 2 3	44 10 31	11 7 10	0 4 59			
21	3 30	8 30	1 54	8 20 11	M 40 3	0 8 22	3 4 9	51 10 27	9 20 4	39		
Dec.	1 2 42	7 51	1 6	7 32 10	52 2 12	7 34 2	3 0 3	9 39 8	32 3 19			
11	2 2	7 11	0 26	6 52 10	12 1 32	6 54 1	23 8 23	8 59 7	52 2 59			
21	1 22	6 31	11 M 46	6 12 9	32 0 52	6 14 0	43 7 43	8 19 7	12 2 39			

A Table shewing the Latitude, Longitude, and longest Days of most principal Cities and Places in the World; together with their Situation, Distance in Miles, and temporary Difference from London.

The Names of Places.	Latitude.		Longitude.		Points of Bearing.	Distance in Miles.	Longest Day.		Differ. in Time.	
	D	M	D	M			H	M	H	M
<i>Aberdeen in Scotland.</i>	57	N 6	27	E 0	N by W	422	18	30	0	S 7
<i>Amsterdam in Holland.</i>	52	29	28	0	E by N	266	16	40	0	A 21
<i>Athens in Greece.</i>	37	42	52	30	S E by E	1624	14	40	0	A 56
<i>Alexandria in Egypt.</i>	30	58	60	30	S E by E	2169	14	0	2	A 42
<i>Antwerp in Brabant.</i>	51	12	28	0	E Fere	248	16	28	0	A 24
<i>Argyle.</i>	56	0	6	0	South	872	14	35	0	A 10
<i>Antioch, where St. Luke dwelt.</i>	37	20	70	15	E S E	2319	14	26	3	A 16
<i>Alca in Media, an Isle in Persia.</i>	38	23	8	32	E by S	2791	15	0	4	A 25
<i>Asia, a City in Sasana.</i>	40	20	60	0	E S E	2923	14	8	4	A 1
<i>Axima in Persia.</i>	45	28	50	50	E S E	3108	14	15	4	A 31
<i>Arges in Carmania.</i>	51	53	41	8	E S E	3917	13	25	5	A 6
<i>Aspadora in Scythia.</i>	40	50	1	43	E by S	3311	15	20	5	A 28
<i>Asta in Italy.</i>	44	28	28	2	E S E	4087	14	0	5	A 50
<i>Berwick upon Tweed.</i>	55	50	19	50	N Fere	267	17	24	0	A 2
<i>Bayonne in Galaxa France.</i>	43	29	18	35	S W by S	800	15	8	0	S 55
<i>Bilboa in Biscay.</i>	43	47	14	22	S S W	578	15	30	0	S 33
<i>Babylon in Chaldaea.</i>	35	0	73	0	E S E	2724	14	25	3	A 56
<i>Bordeaux in France.</i>	44	54	19	50	S Fere	360	15	25	0	S 8
<i>Bruges in Flanders.</i>	51	30	34	26	East	162	16	16	0	A 16
<i>Bola in Armenia Magna, Asia.</i>	50	47	20	46	E by S	2294	15	20	3	A 45
<i>Barut, a City in Turkey.</i>	54	36	33	37	E S E	2321	14	15	3	A 8
<i>Bethsaida in Judea.</i>	32	44	35	15	S E by E	2309	14	6	2	A 29
<i>Bardaxima in India.</i>	21	0	88	0	E S E	4735	13	15	6	A 15
<i>Barnia in Italy.</i>	41	7	1	10	W by S	8824	12	20	1	S 52
<i>Baculajus in America.</i>	18	S 50	74	W 50	Westerly	2200	16	58	3	S 59
<i>Carlisle in Cumberland.</i>	54	N 50	19	E 40	N N W	224	17	0	0	S 9
<i>Carnes Point in Scotland.</i>	48	52	0	10	North	628	19	25	0	— 0
<i>Calais in France.</i>	50	30	20	20	E by S	86	16	25	0	A 9
<i>Cleve in Germany.</i>	51	48	55	25	East	303	16	30	0	A 32
<i>Colline in Barbary.</i>	50	50	27	7	E by N	360	16	34	0	A 39
<i>Constantinople.</i>	43	5	55	30	E S E	1947	15	15	2	A 24
<i>Cape Devard.</i>	14	43	95	30	S S W	2426	12	50	1	S 10
<i>St. Cruce Road.</i>	44	12	12	40	S S W	1440	14	0	1	S 0
<i>Canary Island.</i>	27	S 30	162	30	S S W	1914	13	25	1	S 20
<i>Claudtapolis.</i>	47	N 20	20	55	E S E	1697	15	8	2	A 38
<i>Casarea in Cappadocia.</i>	43	50	33	13	E S E	2064	14	50	3	A 6
<i>Charran in Mesopotamia.</i>	46	26	20	23	E S E	2466	14	30	3	A 36
<i>Cuni in Egroia, Italy.</i>	44	0	27	25	E S E	4469	13	30	6	A 0
<i>Calicut in India.</i>	11	20	111	45	S E by E	5214	12	20	0	A 8
<i>Ciamfa.</i>	29	25	17	56	E by S	7205	14	36	11	A 43
<i>Cyamba.</i>	37	0	15	0	E by S	7980	13	36	11	A 48
<i>Capebusos.</i>	40	28	37	6	S S W	3792	12	30	2	S 20
<i>Cape de Plando.</i>	40	34	36	7	S W by W	4547	12	20	4	S 56
<i>Cape St. Martha.</i>	41	8	15	15	W S W	5103	12	45	6	S 24
<i>Carthagena in Spain.</i>	37	44	16	38	W S W	5316	12	38	6	S 32

The Names of Places.	Latitude.		Longitude.		Points of Bearing.	Distance in Miles.	Longest Difference in Time.			
	D	M	D	M			H	M	H	M
<i>Cicilia Island.</i>	37	20	15	15	S E by S	1178	14	30	1	A 8
<i>Corfica Island Mediterranean.</i>	39	20	0	22	S E by S	829	14	50	0	A 44
<i>Candy Island Mediterranean.</i>	7	30	5	22	S E by S	1791	15	25	2	A 20
<i>Cyclades Island Mediterranean.</i>	39	10	4	0	E S E	1545	14	35	2	A 24
<i>Cyprus Island in Turkey.</i>	35	0	2	16	E S E	2190	14	20	3	A 2
<i>Dover.</i>	51	20	21	15	E by S	49	16	25	0	A 5
<i>Dublin in Ireland.</i>	54	40	12	40	NW by W	296	17	15	0	S 29
<i>Dantzick in Prussia.</i>	54	13	39	5	E N E	961	17	51	A	44
<i>Demine-Castle.</i>	41	52	2	0	S Fere	2940	12	20	0	A 20
<i>Damascus.</i>	33	0	69	0	E S E	2404	14	15	3	A 16
<i>Edinburgh in Scotland.</i>	55	56	20	20	North	328	17	40	0	— 0
<i>Elson Nore in Denmark.</i>	56	0	64	0	N E	577	18	00	A	50
<i>Epbesus.</i>	37	40	57	40	E S E	1808	14	40	2	A 30
<i>Erua in Arabia.</i>	48	55	0	50	S E	1641	13	56	3	A 30
<i>Frankfort.</i>	50	2	32	30	E Fere	448	16	15	0	A 47
<i>Florence.</i>	43	10	35	0	S E	802	15	10	0	A 57
<i>Fesse in Barbary.</i>	33	10	14	0	S S W	1365	14	00	S	39
<i>Gibraltar.</i>	36	20	8	0	S by W	1066	14	25	0	S 49
<i>Granmaliga, Hungary.</i>	47	30	1	6	S by W	960	14	40	S	35
<i>Granado, America.</i>	37	28	13	35	S by W	911	14	43	0	S 45
<i>Geldia in India.</i>	51	31	25	37	E Fere	2458	15	40	8	A 12
<i>Geiten in China.</i>	13	0	107	0	E by S	7312	13	35	11	S 12
<i>Gube Island.</i>	36	40	2	10	W S W	5114	13	26	5	S 0
<i>Hamburg.</i>	53	42	34	15	E N E	538	18	00	A	56
<i>Hecatompilon.</i>	49	12	8	45	E by S	3724	14	38	5	A 6
<i>Harcam.</i>	52	25	0	17	E by S	3332	14	50	5	A 14
<i>Hispaniola Island, America.</i>	41	45	0	20	W S W	4805	13	15	6	S 20
<i>Iceland.</i>	66	0	7	0	N N W	930	21	44	0	S 52
<i>Jerusalem.</i>	32	30	70	45	S E by E	2352	14	83	A	3
<i>Iffedan in Scythia.</i>	33	0	3	33	E Fere	5008	15	56	8	A 40
<i>Iffadon in Serica.</i>	37	0	41	20	E Fere	5612	15	30	9	A 28
<i>Island of Japan.</i>	40	0	198	0	E by S	7919	14	10	11	A 52
<i>Island of Jamaica.</i>	18	0	77	3	W S W	5332	13	66	S	59
<i>St. John's Island, India.</i>	12	51	0	41	E 21	4536	13	85	S	46
<i>Lisbon in Portugal.</i>	39	N 38	9	10	S S W	985	14	45	1	S 0
<i>Lucke, a City in Poland.</i>	43	13	31	8	East	333	16	00	A	30
<i>Lake of Sodom.</i>	32	40	70	50	S E by E	2404	14	43	A	8
<i>Lace.</i>	41	43	7	32	E by S	7047	13	24	9	A 44
<i>Land of Labrador.</i>	48	50	0	33	W N W	2768	20	03	S	25
<i>Man Isle.</i>	54	22	15	0	N N W	358	17	30	0	S 20
<i>Middleburg in Zeland.</i>	51	31	26	40	East	205	16	30	0	A 20
<i>Mentz in Germany.</i>	50	2	27	57	East	420	16	25	0	A 45
<i>Milan.</i>	45	20	29	26	S E Fere	645	15	22	0	A 48
<i>Muscoew in Russia.</i>	55	25	58	50	E by N	1747	17	40	3	A 16
<i>Morocco in Barbary, Africa.</i>	19	S 29	2	56	S S W	1449	14	00	S	59
<i>Madera Islands in Africa.</i>	40	N 100	W 14		S W by S	1625	13	54	1	S 25
<i>Malacqua.</i>	36	40	12	35	S E by E	8781	12	56	11	S 16
<i>Mexico in America.</i>	26	6	122	5	W by S	6844	13	20	9	S 28
<i>Majorca Island, Mediterranean.</i>	39	35	18	0	S Fere	792	14	43	0	S 12

The Names of Places.	Latitude.		Longitude.		Points of Bearing.	Distance in Miles.	Longest Day.		Differ. in Time.	
	D	M	D	M			H	M	H	M
<i>Mitroca Island, Mediterranean.</i>	39	10	0	16	South	754	14	45	—	0
<i>Naples in Italy.</i>	41	8	38	35	S E by E	1051	14	50	1	A 16
<i>Nice in France.</i>	43	38	27	10	E S E	1668	15	52	A	32
<i>Nicopolis in Armenia, Turkey.</i>	44	45	47	54	E S E	2129	15	33	A	18
<i>Nineveh in Assyria.</i>	35	50	80	30	E S E	2635	14	30	3	A 52
<i>Nar in Moabar.</i>	42	20	34	18	S E Fere	8512	13	15	11	A 44
<i>Nigropont Island, Turkey.</i>	45	10	1	46	E S E	1643	14	40	2	A 16
<i>Olympus, Greece.</i>	39	0	19	20	E S E	1993	14	30	2	A 46
<i>Olbia in the Isle Sardinia.</i>	43	0	0	W 20	E S E	1989	14	36	2	A 48
<i>Oxford, England.</i>	51	50	19	E 0	N W	47	16	28	0	S 5
<i>Ormosa Island.</i>	42	10	0	W 29	E S E	4070	13	12	5	A 4
<i>St. Patrick's Perkatory, Ireland.</i>	54	50	7	20	NW by W	415	17	40	S	45
<i>Paris in France.</i>	48	40	20	E 20	S S E	215	15	57	0	S 13
<i>Prague in Bohemia.</i>	50	6	38	15	E Fere.	700	16	15	1	A 14
<i>Pisa in Tuscany, Italy.</i>	43	55	0	45	S E	741	15	60	A	53
<i>Philippus in Macedonia.</i>	42	30	1	39	E S E	1395	15	10	2	A 5
<i>Philadelphia in Turkey.</i>	38	35	1	58	E S E	1816	14	44	2	A 36
<i>Pompejopolis in Galatia.</i>	42	45	8	W 15	E S E	1814	15	10	2	A 48
<i>Pergamos in Asia.</i>	37	50	1	E 57	E S E	1709	14	54	2	A 30
<i>Port Sassa, or Foppa Sardinia.</i>	40	52	7	50	S E by E	2338	14	63	A	2
<i>Prepsa.</i>	42	40	3	0	E S E	4389	15	30	7	A 20
<i>Polibotra.</i>	49	43	25	2	E by S	5710	13	45	8	A 12
<i>Pentapolis in India.</i>	4	S 40	93	15	E S E	6337	13	10	8	A 40
<i>Peru in America.</i>	42	N 48	0	51	S W by W	5528	12	20	6	S 0
<i>Panama, South America.</i>	1	S 10	5	W 30	S W by W	5794	12	15	6	S 56
<i>Quinzay.</i>	37	N 40	192	E 0	E by S	7272	13	35	11	A 28
<i>Rome in Italy.</i>	42	0	36	30	S E by E	887	15	41	A	7
<i>Red-Sea.</i>	29	50	63	30	S E by E	2336	13	56	2	A 54
<i>St. Sebastians in Biscay.</i>	43	34	15	37	S by W	752	15	30	0	S 18
<i>Spier.</i>	49	24	33	0	E by S	430	16	20	A	46
<i>Seville in Spain.</i>	37	46	14	0	S by W	950	14	40	0	S 52
<i>Strasburg, Germany.</i>	48	32	27	50	E by S	432	16	00	A	41
<i>Senia in Margiane.</i>	43	27	25	58	E by S	3430	15	85	A	30
<i>Sardinia Insula, Mediterranean.</i>	89	20	18	17	S S E	932	14	40	0	A 44
<i>Stipango Island.</i>	38	10	23	35	West.	6668	16	41	11	S 58
<i>Toledo in Spain.</i>	39	46	17	0	S by W	934	14	36	0	S 36
<i>Troy in France.</i>	48	7	23	17	E S E	1605	15	02	A	24
<i>Thomara in Bactriana, Persia.</i>	7	S 10	56	0	E by S	3635	14	50	5	A 43
<i>Thomara in India.</i>	13	N 10	59	W 48	E S E	7680	12	20	9	A 52
<i>Trangury, Africa.</i>	33	55	20	E 21	E S E	6980	14	51	0	A 28
<i>Thebet in Greece.</i>	38	0	48	18	E S E	7670	12	10	9	A 44
<i>Tumber in Muscovia.</i>	38	33	8	0	S W by W	6045	12	15	6	A 56
<i>Venice in Italy.</i>	45	15	36	15	E S E	744	15	28	1	A 3
<i>Yerk.</i>	54	0	20	10	North	150	17	00	—	0
<i>Cambridge, England.</i>	52	17	20	30	N by E	44	16	32	0	S 2
<i>Stanfordia.</i>	52	36	20	10	North	70	16	38	0	—
<i>Belvoir Castle, Lincolnshire.</i>	53	15	27	45	North	84	16	41	0	—
LONDON.	51	32	20	0	—	—	16	26	0	—

A TABLE of INTEREST, contrived after a most comprehensive Method, serving for all Rates, and for any Number of Days from One Day to Ninety Million of Days, or for any Number of Pounds from One Pound to Ninety Million of Pounds. By Inspection only is had the Interest of any Sum consisting of entire Pounds, as 1, 2, 3, 4, &c. 10, 20, 30, &c. 100, 1000, &c. for any Number of Days under Eleven, at 5 per Cent. in Lib. *lb. d.* and Tenth Parts of a Penny.

Below *p.* in the Table are placed Tenth Parts of a Penny.

10,000,000.	1,000,000.	100,000.	10,000.	1000.	100.	10.	1.	
L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	L. <i>lb. d. p.</i>	
1369 17 31	136 19 87	13 13 117	1 7 48	2 8 9	33	3		1
2739 14 62	273 19 54	27 7 113	2 14 95	5 5 8	66	7		2
4109 11 94	410 19 21	41 1 11	4 2 23	8 2 6	99	1		3
5479 9 5	547 18 108	54 15 107	5 9 7	10 11 5	1 12	13		4
6849 6 36	684 18 76	68 9 104	6 16 118	13 8 4	1 45	16		5
8219 3 67	821 18 43	82 3 10	8 4 46	16 5 3	1 77	19		6
9589 98	958 18 1	95 17 97	9 11 94	19 2 1	1 11	23		7
10958 18 1	1095 17 97	109 11 94	10 19 2 1	1 11 1	2 23	26		8
12328 15 4 1	1232 17 64	123 5 9	12 6 6 9	1 4 7 9	2 56	3		9

The Interest of One Pound for an Hundred Days is equal to the Interest of One hundred Pounds for one Day; consequently, if you multiply any Sum by the Number of Days for which the Interest is sought, the Interest of that Product for 1 Day answers your Question. Thus, to find the Interest of 9 L. for 1000 Days, or of 1000 L. for 9 Days, being all one, I multiply 9 by 1000, which is 9000; then, opposite to 9 and under 1000, I find 1 L. 4 *lb.* 7 *d.* and nine Tenths, which is the Interest desired at 5 per Cent. and so for any other Sum and Time. And for any other Rate the Rule is, Multiply one Fifth of the Product (of the Sum and Time) by any Rate of Interest, and take the Interest of that Product out of the Table. Thus the Interest of 100 L. for 100 Days may be found at 3 per Cent. I first multiply 100 L. by 100 Days, which is 10,000; then I take a Fifth of that, which is 2000 L. and, multiplying that by 3, makes 6000 L. then opposite to 6 and under 1000 in the Table, I find 16 *lb.* 5 *d.* and three Tenths, which is the Interest desired at 3 per Cent. And so for any other Rate, Sum or Time.

If the Sum consist of Pounds, Shillings and Pence, take the Decimals of such Shillings and Pence. Thus the Interest of 60 L. 9 *lb.* 6 *d.* for 100 Days is found, by multiplying L. 60.475 by 100, is L. 6047.5; the Interest of which, rejecting the Fraction, I find in the Table to be 16 *lb.* 6 *d.* and 8 Tenths.

viz. Interest of 6000 - - - 16 : 5 : 3 Tenths.
 40 - - - : 1 : 3 Tenths.
 7 - - - : 0 : 2 Tenths.

Principal, 6047 L. Interest, 16 : 6 : 8 Tenths.

The above Table of Interest being communicated to the Author by a Gentleman in Edinburgh, it was thought well worth the publishing, and adds a considerable Value to the Work.

METEOROLOGY:

OR,

Certain RULES to know the Weather, grounded upon long Observations on the Vicissitudes and Phenomena's of natural Things; which (if diligently observ'd) will be found much more certain than the general Judgments of our annual Prognosticators, &c.

Observations from the Sun.

IF the Sun rise clear and bright, it signifies a fair Day; if overcast with Clouds, foul Weather; if he appear larger than ordinary, it betokens Rain that Day. If the Sun set, being free from Clouds, a fair Night follows; his Beams long and red, betoken Wind next Day; his Beams spotted green, black or pale, denote Rain: If at his setting there be red Circles broken about him, it signifies vehement Winds that Night; if dark or black Circles, it signifies cold Winds, or Snow in Winter: Many Circles (of what Colour soever) denote Winds: The Element red in the Morning, denotes Wind and Rain that Day; or in the Evening of a bright red, it denotes the next Day fair; if of a dark red, Wind and Rain.

Observations from the Moon.

IF the Moon at three Days old, or at any other Time, look red, or red Circles about her, it shews Wind; if she appear of a pale dusky Colour, or if when she rises there appear bluish, blackish or divers Circles about her, all these are Tokens of much ill Weather. Circles appearing green, shew much Rain. Blew Showers, blackish cold Weather or Snow in Winter, large Circles or Broughs nigh the Moon, shew bad Weather will follow in two Days; in Winter, a whitish Brough about her shews Snow at hand. The Moon at her Rising or Setting, appearing larger than common, shews Rain at hand; if she appear bright and clear, and her Horns sharp and upright, shews Frost, or clear Weather.

Observations from the Stars.

TH E frequent shooting of the Stars in many Places in the Firmament, shews inordinate Winds, Thunder, Lightning, and tempestuous Weather. If the Stars appear obscure shining in a Mist, or greater than usual, or but few appear, all these are Tokens of Wind and Rain; when a Multitude of the Stars appear very bright and twinkling, it signifies a clear Air, or Frost in Winter.

Observations from the Rainbow.

IF the Rainbow appear in the Morning, it signifies Showers of Rain to follow; if in the Evening, fair Weather; if it appears in fair, foul will follow; if in foul, fair will follow: A double Rainbow signifies much Rain.

A Synopsis of the Colours.

The Purple shews turbulent Wind and Rain; the dark Red, tempestuous; the light Red, Winds; the Yellow shews dry Weather; the Green shews Rain; the Blue shews the Air is Clearing: Now, by which of these Colours is most apparent, you may easily judge what Weather will ensue.

Observ.

Observations from the Winds.

THE Nature of the Weather very much depends upon the Winds; for we find by Observation, that the East-wind is naturally dry, and that the West-wind on the contrary produces Moisture, and the South-wind much more: The West-wind in Summer creates Rain and Thunder; in the Spring, Rain; in Autumn, Wind and Showers; in Winter, Snow. The North-wind is cold and dry causing Frost in Winter, and clear Weather in Summer. When the Wind turns North-east and stands there two Days, and no Rain happens for three Days, it will continue in that Point eight Days; if it turn from the South to the North-east, and Rain when it turns, and then two fair Days follow, and turn not South nor Rain for three Days, it will continue North-east for two Months. When the Wind hath been in the North two Months, and then turns South, and there happen three fair Days, then comes Rain.

Observations from the Clouds.

THICK Clouds resembling Wool-packs, white behind and black before, denote great Showers of Rain; or, in Winter, Snow: Thin flying Clouds shew Wind in Summer; if the Clouds appear whitish, it signifies Tempests of Wind; in Winter, Snow; a thin scimy Cloud, overspreading the Heavens, is a Token of much Rain to ensue.

Observations from Thunder and Lightning.

THUNDER in the Morning denotes Wind at Noon; in the Evening, Rain and Tempest; in Winter, shews terrible Accidents the Summer following (whence an old Proverb, *A Winter's Thunder is a Summer's Wonder.*) If in Summer there be no Thunder, the Winter following will be very sickly; if in a clear Star-light Night it lightens in the South or South-east, Rain and Wind follow; if it lighten in an Evening towards the North, South or South-west, it shews Winds.

Observations from Mists.

IF Mist in the Spring or Autumn fall into the Valleys, it signifies fair Weather; if it rises up to the Tops of the Mountains, expect it will fall down in Rain; if any Mist, Steam or Smoke rises out of the Earth about Sun-rise, it will be a pleasant fair Day.

Observations from Rain, Snow, or Frost.

ABUNDANCE of Rain or Snow in Winter, shews the Summer following will be fair and warm; small Store of Snow or Rain in Winter, signifies a moist and wet Spring to follow; if in the Beginning of a Frost the Wind be East, and it snows softly, it is a Sign of cold Weather, and that with Continuance.

Observations from Birds and feather'd Fowls.

IF Kites or Gleds fly or walk together, it signifies fair Weather to follow. The frequent flying or cackling of Geese shews Wind; flying into the Water, swimming in it, their often picking their Feathers, fluttering their Wings in the Dust, either Geese, Hens or Cocks; the Resorting of Poultry to their Roosts, being covered with Dust; the Crowing of the Cock at Times unaccustomed; the Crying of Fowls about Water-sides; if Crows bathe in the Water; the Croaking of Ravens, or flying against the Wind, and beating each other; the Chirping of Sparrows in a Morning; the high flying of Birds; the Swallow flying close by the Water, and flapping in it with her Wings; all these are Signs of Rain. In Winter, Geese or Poultry frequenting Dwelling-houses much, shew Snow, if they flap not their Wings in the Water; the Screeching of Owls in foul Weather; the Crane flying straight forward; all

all these are Signs of fair Weather. If in the Beginning of Winter small Birds flock together in the Fields, picking and seeking much for Meat, it is a Sign of extreme cold Weather of a long Continuance; as also the Approaching of foreign Fowls, which are but seldom seen, shew a hard Winter.

Observations from various Beasts.

IF Oxen ly long upon the Left-side; if Sheep and Goats couple late in the Evening, or go up to the Tops of Mountains; if Oxen ly long upon the Right-side, if they lick their Hooves, or feed greedily, moving often from one Place to another, or make Noise; their snuffing up the Air with their Head against the Wind; if Rams butt one against another; if Sheep or Goats blare or skip wantonly, or draw to Houses or Shelters; all these are Signs of rainy Weather. About Harvest, if Sheep or other Beasts scrape the Ground with their Feet, or stand butting their Heads together, it is a Sign of a long and hard Winter. Swine often wallowing in the Mire, signifies hot and dry Weather; their crying and whinnying, often troubling the House-door; the tumbling and rubbing of Dogs on the Ground, and tearing the Ground with their Feet; the Cat washing her Face (as it is called) or her running up and down the House, tumbling over and over, playing with her Tale; all these denote much Rain.

Observations from Insects.

IF Pisimires move their Eggs, it shews fair Weather when they are very busy carrying off their Eggs, or if they do not go far from their Habitation; the creeping of Worms out of the Earth; the busy Heaving or Working of Moulds; the busy Working of the Spider in her Web; all these signify Wind and Rain. Gnats hovering about the Sun-beams, shew fair Weather.

Observations from Fishes.

THE playing of Dolphins in a troubled Sea, and the leaping of Fishes above Water, signify pleasant, fair and calm Weather.

Observations from the Palm-tree.

IF the Palm-tree be fertile and foreward, it betokens many Storms and Tempests that Year.

Observations from Stones, Corns, &c.

THE inordinate sweating of Stones in dry Weather, the excessive Pains in old Sores, and old Peoples Limbs, the Straitness of Doors, the Sound of Bells at a greater Distance than usual; all these shew Rain and bad Weather. The Strings of Instruments breaking of themselves, shew the Air is dry, &c.

Conclusion.

So now my Task must end, and what I've writ
Unto the Reader's Judgment I commit:
If in my Works you shall some Errors find,
I hope to pardon them you will be Kind;
Yet do not blame the Art, the Error mine is,
And to my Faults I here shall put a *FINIS*.

NOTA. As there are several Additions made to this Book beyond what the Author had in View when he publish'd the Proposals, and in particular there is added a very useful Table of Interest for all Rates and Times, he hopes the Subscribers will be so good as somewhat to enlarge the second Moiety of the Price.

